Control Commands
制御コマンド一覧表
控制命令

		Panel Group			Function			
		WUXGA	WXGA	XGA	DisplayPort	DIGITAL LINK	Iris Function	Mechanical Shutter
Model Group	A	PT-EZ770	PT-EW730	PT-EX800	✔	✔	✔	✔
		PT-SLZ77C	PT-SLW83C	PT-SLX80C				
	B			PT-SLX75C	NA	NA	NA	NA
	C	PT-EZ580	PT-EW640	PT-EX610	✔	✔	✔	✔
		PT-SLZ69C	PT-SLW75C	PT-SLX72C				
	D		PT-EW540	PT-EX510	NA	NA	NA	NA
			PT-SLW65C	PT-SLX62C				

- This control commands list is applied for the models listed above. The model dependent commands are mentioned on each command explanation by indication of “Model Group” or “Panel Group”.
- この制御一覧表は上記にリストされているモデルに適用されます。機種固有のコマンドは”Model Group”または”Panel Group”の表示区分によって、それぞれのコマンド説明文に記載されています。
- 该控制命令清单仅适用于上面列出的机种型号。机种型号取决于在“Model Group”或“Panel Group”的指示中的各命令注释中被提及的命令。

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CONTENTS

1. BASIC FORMAT

Transmission from the computer starts with STX, then the ID, command, parameter, and ETX are sent in this order.
Add parameters according to the details of control.

Basic control command (without parameter)

Start (STX)	ID	Separator (semicolon)	Command	End (ETX)
1 byte	4 bytes	1 byte	3 bytes	1 byte

Basic control command (with parameters)

Start (STX)	ID	Separator (semicolon)	Command	Separator (colon)	Parameters	End (ETX)
1 byte	4 bytes	1 byte	3 bytes	1 byte	Undefined length	1 byte

Basic control command (with subcommand)

Start (STX)	ID	Separator (semicolon)	Command	Separator (colon)		
1 byte	4 bytes	1 byte	3 bytes	1 byte		
Subcommand		Operation	Sign	Parameters		End (ETX)
5 bytes		1 byte	1 byte	5 bytes		1 byte

●Operation

Specifies the method of processing the value specified by parameters.

Code	Description
=	Sets the value specified by the parameter.
_ (underbar)	Adds the value specified by the parameter to the current value.

●Sign

Specifies positive or negative of the value specified by parameters.

Code	Description
+	The value specified by the parameter is a positive value or 0 (zero).
-	The value specified by the parameter is a negative value.

●Parameters

Specify the setting or adjustment value by right justification (0 is not suppressed).

For example, when the setting value is "1", set it as "00001".

ID of the basic control command

ID	4 bytes String
ID ALL	ADZZ
ID1	AD01
ID2	AD02
ID3	AD03
ID4	AD04
ID5	AD05
ID6	AD06
ID7	AD07
ID8	AD08
ID9	AD09
ID10	AD10
ID11	AD11
ID12	AD12
ID13	AD13
ID14	AD14
ID15	AD15
ID16	AD16
ID17	AD17
ID18	AD18
ID19	AD19
ID20	AD20
ID21	AD21
ID22	AD22

ID	4 bytes String
ID23	AD23
ID24	AD24
ID25	AD25
ID26	AD26
ID27	AD27
ID28	AD28
ID29	AD29
ID30	AD30
ID31	AD31
ID32	AD32
ID33	AD33
ID34	AD34
ID35	AD35
ID36	AD36
ID37	AD37
ID38	AD38
ID39	AD39
ID40	AD40
ID41	AD41
ID42	AD42
ID43	AD43
ID44	AD44
ID45	AD45

ID	4 bytes String
ID46	AD46
ID47	AD47
ID48	AD48
ID49	AD49
ID50	AD50
ID51	AD51
ID52	AD52
ID53	AD53
ID54	AD54
ID55	AD55
ID56	AD56
ID57	AD57
ID58	AD58
ID59	AD59
ID60	AD60
ID61	AD61
ID62	AD62
ID63	AD63
ID64	AD64

ID	4 bytes String

Response (Callback) of the basic control command

In the period when the command can be accepted

Differs according to each command

In the period when commands cannot be accepted

Hexadecimal	02h	45h	52h	34h	30h	31h	03h
Character		E	R	4	0	1	

In case of the parameter error or REMOTE2 effective

Hexadecimal	02h	45h	52h	34h	30h	32h	03h
Character		E	R	4	0	2	

Attention:

- If a command is transmitted after the light source starts illuminating, there may be a delay in response or the command may not be executed. Try sending or receiving any command after 10 to 60 seconds.
- When transmitting multiple commands, be sure to wait until 0.5 seconds has elapsed after receiving the response from the projector before sending the next command.
  When transmitting a command which does not need a parameter, a colon (:) is not necessary.
- It might take time by the time the response returns because the command is processed in the projector.
  Set the time-out to 10 seconds or longer.

Note:

- If a command is sent with a specified ID, a response will be sent to the computer only in the following cases.
  It matches the projector ID
  The projector's [PROJECTOR ID] is [ALL]

2. BASIC CONTROL COMMAND

2.1. POWER ON (LAMP ON) [PON]

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	50h	4Fh	4Eh	03h
Character		A	D	Z	Z	;	P	O	N	

●Response (Callback)

In the period when the command can be accepted (This command in power-on condition is included)

Hexadecimal	02h	50h	4Fh	4Eh	03h
Character		P	O	N	

Acceptability

SECURITY	STANDBY	NO SIGNAL	SHUTTER	FREEZE / D-ZOOM	TEST PATTERN	REMOTE2	ECO STANDBY	P IN P	LENS HOME	INITIAL SETTING	SIGNAL LOCK
✔	✔	✔	✔	✔	✔	✔*	✔	✔	✔	✔	✔

●Notes:

・When you check whether to have succeeded in power-on, confirm it by QPW (Query Power) command after receiving the callback of PON command.

・REMOTE2 is given to priority. In the case of a different command from a setup of REMOTE2, ER401 is returned.

2.2. POWER OFF (Standby) [POF]

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	50h	4Fh	46h	03h
Character		A	D	Z	Z	;	P	O	F	

●Response (Callback)

In the period when the command can be accepted (This command in power-off condition is included)

Hexadecimal	02h	50h	4Fh	46h	03h
Character		P	O	F	

Acceptability

SECURITY	STANDBY	NO SIGNAL	SHUTTER	FREEZE / D-ZOOM	TEST PATTERN	REMOTE2	ECO STANDBY	P IN P	LENS HOME	INITIAL SETTING	SIGNAL LOCK
✔	✔	✔	✔	✔	✔	✔*	✔	✔		✔	✔

●Notes:

・When you check whether to have succeeded in power-off, confirm it by QPW (Query Power) command after receiving the callback of PON command.

・REMOTE2 is given to priority. In the case of a different command from a setup of REMOTE2, ER401 is returned.

2.3. FREEZE [OFZ]

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	4Fh	46h	5Ah	3Ah	*1	03h
Character		A	D	Z	Z	;	O	F	Z	:	*2	

■Parameters(*1,*2)

	Freeze OFF	Freeze ON
Hexadecimal	30h	31h
Character	0	1

●■Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	4Fh	46h	5Ah	3Ah	*1	03h
Character		O	F	Z	:	*2	

Acceptability

SECURITY	STANDBY	NO SIGNAL	SHUTTER	FREEZE / D-ZOOM	TEST PATTERN	REMOTE2	ECO STANDBY	P IN P	LENS HOME	INITIAL SETTING	SIGNAL LOCK
				✔*	✔	✔		✔			✔

■Notes:

・It returns ER401 during zooming.

2.4. FREEZE [OFZ] (Toggle)

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	4Fh	46h	5Ah	03h
Character		A	D	Z	Z	;	O	F	Z	

■Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	4Fh	46h	5Ah	03h
Character		O	F	Z	

Acceptability

SECURITY	STANDBY	NO SIGNAL	SHUTTER	FREEZE / D-ZOOM	TEST PATTERN	REMOTE2	ECO STANDBY	P IN P	LENS HOME	INITIAL SETTING	SIGNAL LOCK
				✔*	✔	✔		✔			✔

■Notes:

・It returns ER401 durnig D-ZOOM operating.

2.5. MENU [OMN]

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	4Fh	4Dh	4Eh	03h
Character		A	D	Z	Z	;	O	M	N	

■Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	4Fh	4Dh	4Eh	03h
Character		O	M	N	

Acceptability

SECURITY	STANDBY	NO SIGNAL	SHUTTER	FREEZE / D-ZOOM	TEST PATTERN	REMOTE2	ECO STANDBY	P IN P	LENS HOME	INITIAL SETTING	SIGNAL LOCK
✔		✔		✔	✔	✔		✔	✔	✔	✔

2.6. ENTER [OEN]

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	4Fh	45h	4Eh	03h
Character		A	D	Z	Z	;	O	E	N	

■Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	4Fh	45h	4Eh	03h
Character		O	E	N	

Acceptability

SECURITY	STANDBY	NO SIGNAL	SHUTTER	FREEZE / D-ZOOM	TEST PATTERN	REMOTE2	ECO STANDBY	P IN P	LENS HOME	INITIAL SETTING	SIGNAL LOCK
✔	✔	✔	✔	✔	✔	✔		✔		✔	✔

2.7. UP [OCU]

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	4Fh	43h	55h	03h
Character		A	D	Z	Z	;	O	C	U	

■Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	4Fh	43h	55h	03h
Character		O	C	U	

Acceptability

SECURITY	STANDBY	NO SIGNAL	SHUTTER	FREEZE / D-ZOOM	TEST PATTERN	REMOTE2	ECO STANDBY	P IN P	LENS HOME	INITIAL SETTING	SIGNAL LOCK
✔		✔		✔	✔	✔		✔		✔	✔

2.8. DOWN [OCD]

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	4Fh	43h	44h	03h
Character		A	D	Z	Z	;	O	C	D	

■Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	4Fh	43h	44h	03h
Character		O	C	D	

Acceptability

SECURITY	STANDBY	NO SIGNAL	SHUTTER	FREEZE / D-ZOOM	TEST PATTERN	REMOTE2	ECO STANDBY	P IN P	LENS HOME	INITIAL SETTING	SIGNAL LOCK
✔		✔		✔	✔	✔		✔		✔	✔

2.9. LEFT [OCL]

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	4Fh	43h	4Ch	03h
Character		A	D	Z	Z	;	O	C	L	

■Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	4Fh	43h	4Ch	03h
Character		O	C	L	

Acceptability

SECURITY	STANDBY	NO SIGNAL	SHUTTER	FREEZE / D-ZOOM	TEST PATTERN	REMOTE2	ECO STANDBY	P IN P	LENS HOME	INITIAL SETTING	SIGNAL LOCK
✔		✔		✔	✔	✔		✔		✔	✔

2.10. RIGHT [OCR]

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	4Fh	43h	52h	03h
Character		A	D	Z	Z	;	O	C	R	

■Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	4Fh	43h	52h	03h
Character		O	C	R	

Acceptability

SECURITY	STANDBY	NO SIGNAL	SHUTTER	FREEZE / D-ZOOM	TEST PATTERN	REMOTE2	ECO STANDBY	P IN P	LENS HOME	INITIAL SETTING	SIGNAL LOCK
✔		✔		✔	✔	✔		✔		✔	✔

2.11. STANDARD(DEFAULT) [OST]

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	4Fh	53h	54h	03h
Character		A	D	Z	Z	;	O	S	T	

■Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	4Fh	53h	54h	03h
Character		O	S	T	

Acceptability

SECURITY	STANDBY	NO SIGNAL	SHUTTER	FREEZE / D-ZOOM	TEST PATTERN	REMOTE2	ECO STANDBY	P IN P	LENS HOME	INITIAL SETTING	SIGNAL LOCK
		✔		✔	✔	✔		✔		✔	✔

2.12. AUTO SETUP [OAS]

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	4Fh	41h	53h	03h
Character		A	D	Z	Z	;	O	A	S	

■Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	4Fh	41h	53h	03h
Character		O	A	S	

Acceptability

SECURITY	STANDBY	NO SIGNAL	SHUTTER	FREEZE / D-ZOOM	TEST PATTERN	REMOTE2	ECO STANDBY	P IN P	LENS HOME	INITIAL SETTING	SIGNAL LOCK
		✔*		✔		✔		✔			

■Notes:

·It returns ER401 if input signal is not supported.

·It identifies the signals individually in the PIP mode for SUB input.

2.13. SHUTTER [OSH]

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	4Fh	53h	48h	3Ah	*1	03h
Character		A	D	Z	Z	;	O	S	H	:	*2	

■Parameters(*1,*2)

	SHUTTER OFF	SHUTTER ON
Hexadecimal	30h	31h
Character	0	1

■Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	4Fh	53h	48h	3Ah	*1	03h
Character		O	S	H	:	*2	

Acceptability

SECURITY	STANDBY	NO SIGNAL	SHUTTER	FREEZE / D-ZOOM	TEST PATTERN	REMOTE2	ECO STANDBY	P IN P	LENS HOME	INITIAL SETTING	SIGNAL LOCK
✔	✔	✔	✔	✔	✔	✔*		✔		✔	✔

■Notes:

·REMOTE2 is given to priority. In the case of a different command from a setup of REMOTE2, ER402 is returned.

·It operates as AV MUTE if model does not have the shutter.

2.14. SHUTTER [OSH] (Togggle)

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	4Fh	53h	48h	03h
Character		A	D	Z	Z	;	O	S	H	

■Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	4Fh	53h	48h	03h
Character		O	S	H	

Acceptability

SECURITY	STANDBY	NO SIGNAL	SHUTTER	FREEZE / D-ZOOM	TEST PATTERN	REMOTE2	ECO STANDBY	P IN P	LENS HOME	INITIAL SETTING	SIGNAL LOCK
✔	✔	✔	✔	✔	✔	✔*		✔		✔	✔

■Notes:

·REMOTE2 is given to priority. In the case of a different command from a setup of REMOTE2, ER402 is returned.

·It operates as AV MUTE if model does not have the shutter.

2.15. INPUT SELECT [IIS]

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	49h	49h	53h	3Ah

Character		A	D	Z	Z	;	I	I	S	:
Hexadecimal	*1	*3	*5	03h						
Character	*2	*4	*6							

■Parameters(*1,*2,*3,*4,*5,*6)

	RGB1			RGB2			VIDEO			S-VIDEO		
Hexadecimal	52h	47h	31h	52h	47h	32h	56h	49h	44h	53h	56h	44h
Character	R	G	1	R	G	2	V	I	D	S	V	D
	DVI			HDMI			Display port			DIGITAL LINK		
Hexadecimal	44h	56h	49h	48h	44h	31h	44h	50h	31h	44h	4Ch	31h
Character	D	V	I	H	D	1	D	P	1	D	L	1

■Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	49h	49h	53h	3Ah	*1	*3	*5	03h
Character		I	I	S	:	*2	*4	*6	

Acceptability

SECURITY	STANDBY	NO SIGNAL	SHUTTER	FREEZE / D-ZOOM	TEST PATTERN	REMOTE2	ECO STANDBY	P IN P	LENS HOME	INITIAL SETTING	SIGNAL LOCK
	✔	✔	✔	✔	✔	✔*		✔			✔

■Notes:

・REMOTE2 is given to priority. Calls back ER402 if the input select of REMOTE2 is available.
・S-VIDEO "IIS:SVD" is same as RG2
・DisplayPort: "IIS:DP1" is only effective for model group A and C.
・DIGITAL LINK: "IIS:DL1" is only effective for model group A and C

2.16. INPUT SELECT [IIS] (DIGITAL LINK)

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	49h	49h	53h	3Ah
Character		A	D	Z	Z	;	I	I	S	:
Hexadecimal	44h	4Ch	31h	3Ah	*1	*3	*5	03h		
Character	D	L	1	:	*2	*4	*6			

■Parameters(*1,*2,*3,*4,*5,*6)

	HDMI1			HDMI2			COMPUTER1		
Hexadecimal	48h	44h	31h	48h	44h	32h	50h	43h	31h
Character	H	D	1	H	D	2	P	C	1
	COMPUTER2			S-VIDEO			VIDEO		
Hexadecimal	50h	43h	32h	53h	56h	44h	56h	49h	44h
Character	P	C	2	S	V	D	V	I	D

■Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	49h	49h	53h	3Ah	44h	4Ch	31h	3Ah
Character		I	I	S	:	D	L	1	:
Hexadecimal	*1	*3	*5	03h					
Character	*2	*4	*6						

Acceptability

SECURITY	STANDBY	NO SIGNAL	SHUTTER	FREEZE / D-ZOOM	TEST PATTERN	REMOTE2	ECO STANDBY	P IN P	LENS HOME	INITIAL SETTING	SIGNAL LOCK
	✔	✔	✔	✔	✔	✔*		✔			✔

■Notes:

・REMOTE2 is given to priority. Calls back ER402 if the input select of REMOTE2 is available.
・It is effective only when the digital interface (ET-YFB100, etc) box is connected.
・This command is only effective for model group A and C.

2.17. FUNCTION [FC1]

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	46h	43h	31h	03h
Character		A	D	Z	Z	;	F	C	1	

■Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	46h	43h	31h	03h
Character		F	C	1	

Acceptability

SECURITY	STANDBY	NO SIGNAL	SHUTTER	FREEZE / D-ZOOM	TEST PATTERN	REMOTE2	ECO STANDBY	P IN P	LENS HOME	INITIAL SETTING	SIGNAL LOCK
		✔*	✔*	✔	✔*	✔*		✔*			✔*

■Notes:

・Acceptability is applied corresponding to the function assigned in the FUNCTION key.

2.18. TESTPATTERN [OTS]

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	4Fh	54h	53h	3Ah
Character		A	D	Z	Z	;	O	T	S	:
Hexadecimal	*1	*3	03h							
Character	*2	*4								

■Parameters(*1,*2,*3,*4)

	Off		White		Black		Flag		Reversd Flag	
Hexadecimal	30h	30h	30h	31h	30h	32h	30h	33h	30h	34h
Character	0	0	0	1	0	2	0	3	0	4
	1%Window		1%Reversd Window		Focus(Whiet)		Color bar(vertical)		Ramp	
Hexadecimal	30h	35h	30h	36h	30h	37h	30h	38h	30h	39h
Character	0	5	0	6	0	7	0	8	0	9
	Convergence		Crosshatch1		Crosshatch2		Dot		10%Liminance	
Hexadecimal	31h	31h	31h	38h	31h	39h	32h	31h	32h	35h
Character	1	1	1	8	1	9	2	1	2	5
	Red		Green		Blue		Cyan		Magenta	
Hexadecimal	32h	32h	32h	33h	32h	34h	32h	38h	32h	39h
Character	2	2	2	3	2	4	2	8	2	9
	Yellow		Color bar (horiz)		APL 70% Conv.		20%Liminance		30%Luminance	
Hexadecimal	33h	30h	35h	31h	35h	32h	35h	33h	35h	34h
Character	3	0	5	1	5	2	5	3	5	4
	16:9/4:3		Gradiation1		Gradiation2		Gradiation3		Gradiation4	
Hexadecimal	35h	39h	36h	30h	36h	31h	36h	32h	36h	33h
Character	5	9	6	0	6	1	6	2	6	3
	50%Luminance									
Hexadecimal	36h	35h								
Character	6	5								

■Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	4Fh	54h	53h	3Ah	*1	*3	03h
Character		O	T	S	:	*2	*4	

Acceptability

SECURITY	STANDBY	NO SIGNAL	SHUTTER	FREEZE / D-ZOOM	TEST PATTERN	REMOTE2	ECO STANDBY	P IN P	LENS HOME	INITIAL SETTING	SIGNAL LOCK
		✔	✔		✔	✔		✔			✔

2.19. ON SCREEN(OSD)DISPLAY [OOS]

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	4Fh	4Fh	53h	3Ah	*1	03h
Character		A	D	Z	Z	;	O	O	S	:	*2	

■Parameters(*1,*2)

	ON SCREEN OFF	ON SCREEN ON
Hexadecimal	30h	31h
Character	0	1

■Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	4Fh	4Fh	53h	3Ah	*1	03h
Character		O	O	S	:	*2	

Acceptability

SECURITY	STANDBY	NO SIGNAL	SHUTTER	FREEZE / D-ZOOM	TEST PATTERN	REMOTE2	ECO STANDBY	P IN P	LENS HOME	INITIAL SETTING	SIGNAL LOCK
		✔		✔	✔	✔		✔			✔

■Notes:

・During displaying OSD OnOff menu, It returns normally but not perform the setting.

2.20. NYMERIC KEY [ONK]

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	4Fh	4Eh	4Bh	3Ah	*1	03h
Character		A	D	Z	Z	;	O	N	K	:	*2	

■Parameters(*1,*2)

	0 Key	1 Key	2 Key	3 Key	4 Key	5 Key	6 Key	7 Key	8 Key	9 Key
Hexadecimal	30h	31h	32h	33h	34h	35h	36h	37h	38h	39h
Character	0	1	2	3	4	5	6	7	8	9

■Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	4Fh	4Eh	4Bh	3Ah	*1	03h
Character		O	N	K	:	*2	

Acceptability

SECURITY	STANDBY	NO SIGNAL	SHUTTER	FREEZE / D-ZOOM	TEST PATTERN	REMOTE2	ECO STANDBY	P IN P	LENS HOME	INITIAL SETTING	SIGNAL LOCK
✔		✔		✔	✔	✔		✔		✔	✔

2.21. SYSTEM SELECTROR [OSL]

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	4Fh	53h	4Ch	03h
Character		A	D	Z	Z	;	O	S	L	

■Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	4Fh	53h	4Ch	03h
Character		O	S	L	

Acceptability

SECURITY	STANDBY	NO SIGNAL	SHUTTER	FREEZE / D-ZOOM	TEST PATTERN	REMOTE2	ECO STANDBY	P IN P	LENS HOME	INITIAL SETTING	SIGNAL LOCK
		✔*		✔	✔	✔		✔			✔

■Notes:

・It returns ER401 when no signal input without INPUT – VIDEO mode.

2.22. D-ZOOM + [DZU]

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	44h	5Ah	55h	03h
Character		A	D	Z	Z	;	D	Z	U	

■Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	44h	5Ah	55h	03h
Character		D	Z	U	

Acceptability

SECURITY	STANDBY	NO SIGNAL	SHUTTER	FREEZE / D-ZOOM	TEST PATTERN	REMOTE2	ECO STANDBY	P IN P	LENS HOME	INITIAL SETTING	SIGNAL LOCK
				✔		✔					✔

2.23. D-ZOOM - [DZD]

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	44h	5Ah	44h	03h
Character		A	D	Z	Z	;	D	Z	D	

■Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	44h	5Ah	44h	03h
Character		D	Z	D	

Acceptability

SECURITY	STANDBY	NO SIGNAL	SHUTTER	FREEZE / D-ZOOM	TEST PATTERN	REMOTE2	ECO STANDBY	P IN P	LENS HOME	INITIAL SETTING	SIGNAL LOCK
				✔		✔					✔

2.24. ASPECT [VS1]

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	56h	53h	31h	03h
Character		A	D	Z	Z	;	V	S	1	

■Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	56h	53h	31h	03h
Character		V	S	1	

Acceptability

SECURITY	STANDBY	NO SIGNAL	SHUTTER	FREEZE / D-ZOOM	TEST PATTERN	REMOTE2	ECO STANDBY	P IN P	LENS HOME	INITIAL SETTING	SIGNAL LOCK
		✔		✔	✔	✔		✔			

2.25. STATUS [STS]

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	53h	54h	53h	03h
Character		A	D	Z	Z	;	S	T	S	

■Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	53h	54h	53h	03h
Character		S	T	S	

Acceptability

SECURITY	STANDBY	NO SIGNAL	SHUTTER	FREEZE / D-ZOOM	TEST PATTERN	REMOTE2	ECO STANDBY	P IN P	LENS HOME	INITIAL SETTING	SIGNAL LOCK
		✔		✔	✔	✔		✔			✔

2.26. VOLUME + [AUU]

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	41h	55h	55h	03h
Character		A	D	Z	Z	;	A	U	U	

■Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	41h	55h	55h	03h
Character		A	U	U	

Acceptability

SECURITY	STANDBY	NO SIGNAL	SHUTTER	FREEZE / D-ZOOM	TEST PATTERN	REMOTE2	ECO STANDBY	P IN P	LENS HOME	INITIAL SETTING	SIGNAL LOCK
	✔*	✔		✔	✔	✔		✔			✔

■Notes:
・Only AUDIO IN is effective in Standby.

2.27. VOLUME — [AUD]

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	41h	55h	44h	03h
Character		A	D	Z	Z	;	A	U	D	

■Response (Callback)
In the period when the command can be accepted

Hexadecimal	02h	41h	55h	44h	03h
Character		A	U	D	

Acceptability

SECURITY	STANDBY	NO SIGNAL	SHUTTER	FREEZE / D-ZOOM	TEST PATTERN	REMOTE2	ECO STANDBY	P IN P	LENS HOME	INITIAL SETTING	SIGNAL LOCK
	✔*	□		✔	✔	✔		✔			✔

■Notes:
・Only AUDIO IN is effective in Standby.

2.28. AUDIO MUTE [AMT]

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	41h	4Dh	54h	3Ah	*1	03h
Character		A	D	Z	Z	;	A	M	T	:	*2	

■Parameters(*1,*2)

	AUDIO MUTE OFF	AUDIO MUTE ON
Hexadecimal	30h	31h
Character	0	1

■Response (Callback)
In the period when the command can be accepted

Hexadecimal	02h	41h	4Dh	54h	3Ah	*1	03h
Character		A	M	T	:	*2	

Acceptability

SECURITY	STANDBY	NO SIGNAL	SHUTTER	FREEZE / D-ZOOM	TEST PATTERN	REMOTE2	ECO STANDBY	P IN P	LENS HOME	INITIAL SETTING	SIGNAL LOCK
	✔*	✔		✔	✔	✔		✔			✔

■Notes:
・Only AUDIO IN is effective in Standby.

2.29. LENS FOCUS [OLF]

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	4Fh	4Ch	46h	03h
Character		A	D	Z	Z	;	O	L	F	

■Response (Callback)
In the period when the command can be accepted

Hexadecimal	02h	4Fh	4Ch	46h	03h
Character		O	L	F	

Acceptability

SECURITY	STANDBY	NO SIGNAL	SHUTTER	FREEZE / D-ZOOM	TEST PATTERN	REMOTE2	ECO STANDBY	P IN P	LENS HOME	INITIAL SETTING	SIGNAL LOCK
		✔		✔	✔	✔		✔			✔

2.30. LENS SHIFT [OLH]

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	4Fh	4Ch	48h	03h
Character		A	D	Z	Z	;	O	L	H	

■Response (Callback)
In the period when the command can be accepted

Hexadecimal	02h	4Fh	4Ch	48h	03h
Character		O	L	H	

Acceptability

SECURITY	STANDBY	NO SIGNAL	SHUTTER	FREEZE / D-ZOOM	TEST PATTERN	REMOTE2	ECO STANDBY	P IN P	LENS HOME	INITIAL SETTING	SIGNAL LOCK
		✔		✔	✔	✔		✔			✔

2.31. LENS ZOOM [OLZ]

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	4Fh	4Ch	5Ah	03h
Character		A	D	Z	Z	;	O	L	Z	

■Response (Callback)
In the period when the command can be accepted

Hexadecimal	02h	4Fh	4Ch	5Ah	03h
Character		O	L	Z	

Acceptability

SECURITY	STANDBY	NO SIGNAL	SHUTTER	FREEZE / D-ZOOM	TEST PATTERN	REMOTE2	ECO STANDBY	P IN P	LENS HOME	INITIAL SETTING	SIGNAL LOCK

		✔		✔	✔	✔		✔			✔

2.32. DIGITAL LINK [DLK]

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	44h	4Ch	4Bh	03h
Character		A	D	Z	Z	;	D	L	K	

■Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	44h	4Ch	4Bh	03h
Character		D	L	K	

Acceptability

SECURITY	STANDBY	NO SIGNAL	SHUTTER	FREEZE / D-ZOOM	TEST PATTERN	REMOTE2	ECO STANDBY	P IN P	LENS HOME	INITIAL SETTING	SIGNAL LOCK
	✔	✔		✔	✔	✔		✔			✔

■Notes:

・This command is only effective for model group A and C.

2.33. P-TIMER [PTM]

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	50h	54h	4Dh	03h
Character		A	D	Z	Z	;	P	T	M	

■Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	50h	54h	4Dh	03h
Character		P	T	M	

Acceptability

SECURITY	STANDBY	NO SIGNAL	SHUTTER	FREEZE / D-ZOOM	TEST PATTERN	REMOTE2	ECO STANDBY	P IN P	LENS HOME	INITIAL SETTING	SIGNAL LOCK
		✔		✔	✔	✔		✔			✔

2.34. PICTURE [VPM]

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	56h	50h	4Dh	3Ah
Character		A	D	Z	Z	;	V	P	M	:
Hexadecimal	*1	*3	*5	03h						
Character	*2	*4	*6							

■Parameters(*1,*2,*3,*4,*5,*6)

	NATURAL			STANDARD			DYNAMIC		
Hexadecimal	4Eh	41h	54h	53h	54h	44h	44h	59h	4Eh
Character	N	A	T	S	T	D	D	Y	N
	CINEMA			DICOM SIM					
Hexadecimal	43h	49h	4Eh	44h	49h	43h			
Character	C	I	N	D	I	C			

■Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	56h	50h	4Dh	3Ah	*1	*3	*5	03h
Character		V	P	M	:	*2	*4	*6	

Acceptability

SECURITY	STANDBY	NO SIGNAL	SHUTTER	FREEZE / D-ZOOM	TEST PATTERN	REMOTE2	ECO STANDBY	P IN P	LENS HOME	INITIAL SETTING	SIGNAL LOCK
		✔	✔		✔	✔		✔			

2.35. PICTURE(CONTRAST) [VCN]

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	56h	43h	4Eh	3Ah
Character		A	D	Z	Z	;	V	C	N	:
Hexadecimal	*1	*3	*5	03h						
Character	*2	*4	*6							

■Parameters(*1,*2,*3,*4,*5,*6)

	-31			-30			-29		
Hexadecimal	30h	30h	31h	30h	30h	32h	30h	30h	33h
Character	0	0	1	0	0	2	0	0	3
	+29			+30			+31		
Hexadecimal	30h	36h	31h	30h	36h	32h	30h	36h	33h
Character	0	6	1	0	6	2	0	6	3

■Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	56h	43h	4Eh	3Ah	*1	*3	*5	03h
Character		V	C	N	:	*2	*4	*6	

Acceptability

SECURITY	STANDBY	NO SIGNAL	SHUTTER	FREEZE / D-ZOOM	TEST PATTERN	REMOTE2	ECO STANDBY	P IN P	LENS HOME	INITIAL SETTING	SIGNAL LOCK
			✔		✔	✔		✔			

2.36. BLACK LEVEL(BRIGHTNESS) [VBR]

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	56h	42h	52h	3Ah
Character		A	D	Z	Z	;	V	B	R	:
Hexadecimal	*1	*3	*5	03h						
Character	*2	*4	*6							

■Parameters(*1,*2,*3,*4,*5,*6)

	-31			-30			-29		
Hexadecimal	30h	30h	31h	30h	30h	32h	30h	30h	33h
Character	0	0	1	0	0	2	0	0	3
	+29			+30			+31		
Hexadecimal	30h	36h	31h	30h	36h	32h	30h	36h	33h
Character	0	6	1	0	6	2	0	6	3

■Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	56h	42h	52h	3Ah	*1	*3	*5	03h
Character		V	B	R	:	*2	*4	*6	

Acceptability

SECURITY	STANDBY	NO SIGNAL	SHUTTER	FREEZE / D-ZOOM	TEST PATTERN	REMOTE2	ECO STANDBY	P IN P	LENS HOME	INITIAL SETTING	SIGNAL LOCK
			✔		✔	✔		✔			

2.37. COLOR [VCO]

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	56h	43h	4Fh	3Ah
Character		A	D	Z	Z	;	V	C	O	:
Hexadecimal	*1	*3	*5	03h						
Character	*2	*4	*6							

■Parameters(*1,*2,*3,*4,*5,*6)

	-31			-30			-29		
Hexadecimal	30h	30h	31h	30h	30h	32h	30h	30h	33h
Character	0	0	1	0	0	2	0	0	3
	+29			+30			+31		
Hexadecimal	30h	36h	31h	30h	36h	32h	30h	36h	33h
Character	0	6	1	0	6	2	0	6	3

■Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	56h	43h	4Fh	3Ah	*1	*3	*5	03h
Character		V	C	O	:	*2	*4	*6	

Acceptability

SECURITY	STANDBY	NO SIGNAL	SHUTTER	FREEZE / D-ZOOM	TEST PATTERN	REMOTE2	ECO STANDBY	P IN P	LENS HOME	INITIAL SETTING	SIGNAL LOCK
			✔		✔	✔		✔			

2.38. TINT [VTN]

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	56h	54h	4Eh	3Ah
Character		A	D	Z	Z	;	V	T	N	:
Hexadecimal	*1	*3	*5	03h						
Character	*2	*4	*6							

■Parameters(*1,*2,*3,*4,*5,*6)

	-31			-30			-29		
Hexadecimal	30h	30h	31h	30h	30h	32h	30h	30h	33h
Character	0	0	1	0	0	2	0	0	3
	+29			+30			+31		
Hexadecimal	30h	36h	31h	30h	36h	32h	30h	36h	33h
Character	0	6	1	0	6	2	0	6	3

■Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	56h	54h	4Eh	3Ah	*1	*3	*5	03h
Character		V	T	N	:	*2	*4	*6	

Acceptability

SECURITY	STANDBY	NO SIGNAL	SHUTTER	FREEZE / D-ZOOM	TEST PATTERN	REMOTE2	ECO STANDBY	P IN P	LENS HOME	INITIAL SETTING	SIGNAL LOCK
			✔		✔	✔		✔			

2.39. COLOR TEMPERATURE [OTE]

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	4Fh	54h	45h	3Ah

Character		A	D	Z	Z	;	O	T	E	:
Hexadecimal	*1	*3	03h							
Character	*2	*4								

■Parameters(*1,*2,*3,*4) Possible to skip *1 and *2 if it is single unit.

	LOW		HIGH		USER		DEFAULT	
Hexadecimal		30h		32h		34h	31h	30h
Character		0		2		4	1	0

■Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	4Fh	54h	45h	3Ah	*1	*3	03h
Character		O	T	E	:	*2	*4	

Acceptability

SECURITY	STANDBY	NO SIGNAL	SHUTTER	FREEZE / D-ZOOM	TEST PATTERN	REMOTE2	ECO STANDBY	P IN P	LENS HOME	INITIAL SETTING	SIGNAL LOCK
		✔	✔		✔	✔		✔			

2.40. WHITE BALANCE LOW-RED [VOR]

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	56h	4Fh	52h	3Ah
Character		A	D	Z	Z	;	V	O	R	:
Hexadecimal	*1	*3	*5	03h						
Character	*2	*4	*6							

■Parameters(*1,*2,*3,*4,*5,*6)

	-127			-126			-125		
Hexadecimal	30h	30h	31h	30h	30h	32h	30h	30h	33h
Character	0	0	1	0	0	2	0	0	3
	125			126			127		
Hexadecimal	32h	35h	33h	32h	35h	34h	32h	35h	35h
Character	2	5	3	2	5	4	2	5	5

■Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	56h	4Fh	52h	3Ah	*1	*3	*5	03h
Character		V	O	R	:	*2	*4	*6	

Acceptability

SECURITY	STANDBY	NO SIGNAL	SHUTTER	FREEZE / D-ZOOM	TEST PATTERN	REMOTE2	ECO STANDBY	P IN P	LENS HOME	INITIAL SETTING	SIGNAL LOCK
		✔	✔		✔	✔		✔			

2.41. WHITE BALANCE LOW-GREEN [VOG]

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	56h	4Fh	47h	3Ah
Character		A	D	Z	Z	;	V	O	G	:
Hexadecimal	*1	*3	*5	03h						
Character	*2	*4	*6							

■Parameters(*1,*2,*3,*4,*5,*6)

	-127			-126			-125		
Hexadecimal	30h	30h	31h	30h	30h	32h	30h	30h	33h
Character	0	0	1	0	0	2	0	0	3
	125			126			127		
Hexadecimal	32h	35h	33h	32h	35h	34h	32h	35h	35h
Character	2	5	3	2	5	4	2	5	5

■Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	56h	4Fh	47h	3Ah	*1	*3	*5	03h
Character		V	O	G	:	*2	*4	*6	

Acceptability

SECURITY	STANDBY	NO SIGNAL	SHUTTER	FREEZE / D-ZOOM	TEST PATTERN	REMOTE2	ECO STANDBY	P IN P	LENS HOME	INITIAL SETTING	SIGNAL LOCK
		✔	✔		✔	✔		✔			

2.42. WHITE BALANCE LOW-BLUE [VOB]

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	56h	4Fh	42h	3Ah
Character		A	D	Z	Z	;	V	O	B	:
Hexadecimal	*1	*3	*5	03h						
Character	*2	*4	*6							

■Parameters(*1,*2,*3,*4,*5,*6)

	-127			-126			-125		
Hexadecimal	30h	30h	31h	30h	30h	32h	30h	30h	33h
Character	0	0	1	0	0	2	0	0	3
	125			126			127		
Hexadecimal	32h	35h	33h	32h	35h	34h	32h	35h	35h

Character	2	5	3	2	5	4	2	5	5

■Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	56h	4Fh	42h	3Ah	*1	*3	*5	03h
Character		V	O	B	:	*2	*4	*6	

Acceptability

SECURITY	STANDBY	NO SIGNAL	SHUTTER	FREEZE / D-ZOOM	TEST PATTERN	REMOTE2	ECO STANDBY	P IN P	LENS HOME	INITIAL SETTING	SIGNAL LOCK
		✔	✔		✔	✔		✔			

2.43. WHITE BALANCE HIGH-RED [VHR]

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	56h	48h	52h	3Ah
Character		A	D	Z	Z	;	V	H	R	:
Hexadecimal	*1	*3	*5	03h						
Character	*2	*4	*6							

■Parameters(*1,*2,*3,*4,*5,*6)

	0			1			2		
Hexadecimal	30h	30h	30h	30h	30h	31h	30h	30h	32h
Character	0	0	0	0	0	1	0	0	2
	253			254			255		
Hexadecimal	32h	35h	33h	32h	35h	34h	32h	35h	35h
Character	2	5	3	2	5	4	2	5	5

■Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	56h	48h	52h	3Ah	*1	*3	*5	03h
Character		V	H	R	:	*2	*4	*6	

Acceptability

SECURITY	STANDBY	NO SIGNAL	SHUTTER	FREEZE / D-ZOOM	TEST PATTERN	REMOTE2	ECO STANDBY	P IN P	LENS HOME	INITIAL SETTING	SIGNAL LOCK
		✔	✔		✔	✔		✔			

2.44. WHITE BALANCE HIGH-GREEN [VHG]

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	56h	48h	47h	3Ah
Character		A	D	Z	Z	;	V	H	G	:
Hexadecimal	*1	*3	*5	03h						
Character	*2	*4	*6							

■Parameters(*1,*2,*3,*4,*5,*6)

	0			1			2		
Hexadecimal	30h	30h	30h	30h	30h	31h	30h	30h	32h
Character	0	0	0	0	0	1	0	0	2
	253			254			255		
Hexadecimal	32h	35h	33h	32h	35h	34h	32h	35h	35h
Character	2	5	3	2	5	4	2	5	5

■Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	56h	48h	47h	3Ah	*1	*3	*5	03h
Character		V	H	G	:	*2	*4	*6	

Acceptability

SECURITY	STANDBY	NO SIGNAL	SHUTTER	FREEZE / D-ZOOM	TEST PATTERN	REMOTE2	ECO STANDBY	P IN P	LENS HOME	INITIAL SETTING	SIGNAL LOCK
		✔	✔		✔	✔		✔			

2.45. WHITE BALANCE HIGH-BLUE [VHB]

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	56h	48h	42h	3Ah
Character		A	D	Z	Z	;	V	H	B	:
Hexadecimal	*1	*3	*5	03h						
Character	*2	*4	*6							

■Parameters(*1,*2,*3,*4,*5,*6)

	0			1			2		
Hexadecimal	30h	30h	30h	30h	30h	31h	30h	30h	32h
Character	0	0	0	0	0	1	0	0	2
	253			254			255		
Hexadecimal	32h	35h	33h	32h	35h	34h	32h	35h	35h
Character	2	5	3	2	5	4	2	5	5

■Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	56h	48h	42h	3Ah	*1	*3	*5	03h
Character		V	H	B	:	*2	*4	*6	

Acceptability

SECURITY	STANDBY	NO SIGNAL	SHUTTER	FREEZE / D-ZOOM	TEST PATTERN	REMOTE2	ECO STANDBY	P IN P	LENS HOME	INITIAL SETTING	SIGNAL LOCK
		✔	✔		✔	✔		✔			

2.46. COLOR TEMPERATURE USER1 NAME [VXX:NCGS1]

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	56h	58h	58h	3Ah	
Character		A	D	Z	Z	;	V	X	X	:	
Hexadecimal	4Eh	43h	47h	53h	31h	3Dh	*1	*3	*5	*7	*9
Character	N	C	G	S	1	=	*2	*4	*6	*8	*10
Hexadecimal	*11	*13	*15	*17	*19	*21	*23	*25	*27	*29	03h
Character	*12	*14	*16	*18	*20	*22	*24	*26	*28	*30	

■Parameters(*1,*2,…,*29,*30)

	NAME					
Hexadecimal	n1h	n2h	n3h	…	n14h	n15h
Character	p1	p2	p3	…	p14	p15

■Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	56h	58h	58h	3Ah	4Eh	43h	47h	53h	31h
Character		V	X	X	:	N	C	G	S	1
Hexadecimal	3Dh	*1	*3	*5	*7	*9	*11	*13	*15	*17
Character	=	*2	*4	*6	*8	*10	*12	*14	*16	*18
Hexadecimal	*19	*21	*23	*25	*27	*29	03h			
Character	*20	*22	*24	*26	*28	*30				

Acceptability

SECURITY	STANDBY	NO SIGNAL	SHUTTER	FREEZE / D-ZOOM	TEST PATTERN	REMOTE2	ECO STANDBY	P IN P	LENS HOME	INITIAL SETTING	SIGNAL LOCK
		✔	✔		✔	✔		✔			

■Notes:

・Name is valiable length. Large and Small Caps, "-" and "." are available.

2.47. COLOR TEMP USER1 NAME CLEAR [VXX:NCLI1]

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	56h	58h	58h	3Ah
Character		A	D	Z	Z	;	V	X	X	:
Hexadecimal	4Eh	43h	4Ch	49h	31h	3Dh	2Bh	*1	*3	*5
Character	N	C	L	I	1	=	+	*2	*4	*6
Hexadecimal	*7	*9	03h							
Character	*8	*10								

■Parameters(*1,*2,*3,*4,*5,*6,*7,*8,*9,*10)

	CLEAR				
Hexadecimal	30h	30h	30h	30h	30h
Character	0	0	0	0	0

■Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	56h	58h	58h	3Ah	4Eh	43h	4Ch	49h	31h
Character		V	X	X	:	N	C	L	I	1
Hexadecimal	3Dh	2Bh	*1	*3	*5	*7	*9	03h		
Character	=	+	*2	*4	*6	*8	*10			

Acceptability

SECURITY	STANDBY	NO SIGNAL	SHUTTER	FREEZE / D-ZOOM	TEST PATTERN	REMOTE2	ECO STANDBY	P IN P	LENS HOME	INITIAL SETTING	SIGNAL LOCK
		✔	✔		✔	✔		✔			

2.48. GAMMA PRESET NO. [VXX:GAMI1]

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	56h	58h	58h	3Ah
Character		A	D	Z	Z	;	V	X	X	:
Hexadecimal	47h	41h	4Dh	49h	31h	3Dh	*1	*3	*5	*7
Character	G	A	M	I	1	=	*2	*4	*6	*8
Hexadecimal	*9	*10	03h							
Character	*10	*11								

■Parameters(*1,*2,*3,*4,*5,*6,*7,*8,*9,*10,*11,*12)

	-8						-7					
Hexadecimal	2Dh	30h	30h	30h	30h	38h	2Dh	30h	30h	30h	30h	37h
Character	-	0	0	0	0	8	-	0	0	0	0	7
	+6						+7					
Hexadecimal	2Bh	30h	30h	30h	30h	36h	2Bh	30h	30h	30h	30h	37h
Character	+	0	0	0	0	6	+	0	0	0	0	7

■Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	56h	58h	58h	3Ah	47h	41h	4Dh	49h	31h

Character		V	X	X	:	G	A	M	I	1
Hexadecimal	3Dh	*1	*3	*5	*7	*9	*10	03h		
Character	=	*2	*4	*6	*8	*10	*11			

Acceptability

SECURITY	STANDBY	NO SIGNAL	SHUTTER	FREEZE / D-ZOOM	TEST PATTERN	REMOTE2	ECO STANDBY	P IN P	LENS HOME	INITIAL SETTING	SIGNAL LOCK
		✔	✔		✔	✔		✔			

2.49. SHARPNESS [VSR]

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	56h	53h	52h	3Ah
Character		A	D	Z	Z	;	V	S	R	:
Hexadecimal	*1	*3	*5	03h						
Character	*2	*4	*6							

■Parameters(*1,*2,*3,*4,*5,*6)

	0			1			2		
Hexadecimal	30h	30h	30h	30h	30h	31h	30h	30h	32h
Character	0	0	0	0	0	1	0	0	2
	13			14			15		
Hexadecimal	30h	31h	33h	30h	31h	34h	30h	31h	35h
Character	0	1	3	0	1	4	0	1	5

■Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	56h	53h	52h	3Ah	*1	*3	*5	03h
Character		V	S	R	:	*2	*4	*6	

Acceptability

SECURITY	STANDBY	NO SIGNAL	SHUTTER	FREEZE / D-ZOOM	TEST PATTERN	REMOTE2	ECO STANDBY	P IN P	LENS HOME	INITIAL SETTING	SIGNAL LOCK
			✔		✔	✔		✔			

2.50. NOISE REDUCTION [VNS]

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	56h	4Eh	53h	3Ah	*1	03h
Character		A	D	Z	Z	;	V	N	S	:	*2	

■Parameters(*1,*2)

	OFF	1	2	3
Hexadecimal	30h	31h	32h	33h
Character	0	1	2	3

■Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	56h	4Eh	53h	3Ah	*1	03h
Character		V	N	S	:	*2	

Acceptability

SECURITY	STANDBY	NO SIGNAL	SHUTTER	FREEZE / D-ZOOM	TEST PATTERN	REMOTE2	ECO STANDBY	P IN P	LENS HOME	INITIAL SETTING	SIGNAL LOCK
			✔		✔	✔		✔			

2.51. IRIS [OAI]

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	4Fh	41h	49h	3Ah	*1	03h
Character		A	D	Z	Z	;	O	A	I	:	*2	

■Parameters(*1,*2)

	OFF	ON
Hexadecimal	30h	31h
Character	0	1

■Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	4Fh	41h	49h	3Ah	*1	03h
Character		O	A	I	:	*2	

Acceptability

SECURITY	STANDBY	NO SIGNAL	SHUTTER	FREEZE / D-ZOOM	TEST PATTERN	REMOTE2	ECO STANDBY	P IN P	LENS HOME	INITIAL SETTING	SIGNAL LOCK
		✔	✔		✔	✔		✔			

■Notes:

・This command is only effective for model group A and C.

2.52. SYSTEM DAYLIGHT VIEW [VXX:DLVI0]

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	56h	58h	58h	3Ah
Character		A	D	Z	Z	;	V	X	X	:
Hexadecimal	44h	4Ch	56h	49h	30h	3Dh	2Bh	*1	*3	*5

Character	D	L	V	I	0	=	+	*2	*4	*6
Hexadecimal	*7	*9	03h							
Character	*8	*10								

■Parameters(*1,*2,*3,*4,*5,*6,*7,*8,*9,*10)

	OFF					AUTO					1				
Hexadecimal	30h	30h	30h	30h	30h	30h	30h	30h	30h	31h	30h	30h	30h	30h	32h
Character	0	0	0	0	0	0	0	0	0	1	0	0	0	0	2
	2					3									
Hexadecimal	30h	30h	30h	30h	33h	30h	30h	30h	30h	34h					
Character	0	0	0	0	3	0	0	0	0	4					

■Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	56h	58h	58h	3Ah	44h	4C	56h	49h	30h
Character		V	X	X	:	D	L	V	I	0
Hexadecimal	3Dh	2Bh	*1	*3	*5	*7	*9	03h		
Character	=	+	*2	*4	*6	*8	*10			

Acceptability

SECURITY	STANDBY	NO SIGNAL	SHUTTER	FREEZE / D-ZOOM	TEST PATTERN	REMOTE2	ECO STANDBY	P IN P	LENS HOME	INITIAL SETTING	SIGNAL LOCK
			✔		✔	✔		✔			✔

■Notes:

・AUTO is available that PROJECTION METHOD is FRONT/FLOOR or FRONT/CEILING only.

2.53. SYSTEM SELECTOR (VIDEO / Y/C)[VSG]

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	56h	53h	47h	3Ah
Character		A	D	Z	Z	;	V	S	G	:
Hexadecimal	*1	*3	*5	03h						
Character	*2	*4	*6							

■Parameters(*1,*2,*3,*4,*5,*6)

	AUTO			AUTO			NTSC		
Hexadecimal	41h	54h	31h	41h	54h	32h	4Eh	54h	53h
Character	A	T	1	A	T	2	N	T	S
	NTSC4.43			PAL			PAL-M		
Hexadecimal	4Eh	34h	34h	50h	41h	4Ch	50h	41h	4Dh
Character	N	4	4	P	A	L	P	A	M
	PAL-N			SECAM			PAL60		
Hexadecimal	50h	41h	4Eh	53h	45h	43h	50h	36h	30h
Character	P	A	N	S	E	C	P	6	0

■Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	56h	53h	47h	3Ah	*1	*3	*5	03h
Character		V	S	G	:	*2	*4	*6	

Acceptability

SECURITY	STANDBY	NO SIGNAL	SHUTTER	FREEZE / D-ZOOM	TEST PATTERN	REMOTE2	ECO STANDBY	P IN P	LENS HOME	INITIAL SETTING	SIGNAL LOCK
		✔	✔		✔	✔		✔			✔

2.54. SYSTEM SELECTOR (RGB/DVI-D/HDMI/DIGITAL LINK/Display port)[ORF]

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	4Fh	52h	46h	3Ah	*1	03h
Character		A	D	Z	Z	;	O	R	F	:	*2	

■Parameters(*1,*2)

・RGB(VGA/480P)

	VGA60	480P(YCBCR)	480pRGB
Hexadecimal	30h	31h	33h
Character	0	1	3

・RGB(other)/DVI

	RGB	YPBPR
Hexadecimal	30h	31h
Character	0	1

・HDMI/DIGITAL LINK/Display port

	RGB	YPBPR	AUTO
Hexadecimal	30h	31h	32h
Character	0	1	2

■Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	4Fh	52h	46h	3Ah	*1	03h
Character		O	R	F	:	*2	

Acceptability

SECURITY	STANDBY	NO SIGNAL	SHUTTER	FREEZE / D-ZOOM	TEST PATTERN	REMOTE2	ECO STANDBY	P IN P	LENS HOME	INITIAL SETTING	SIGNAL LOCK
			✔		✔	✔		✔			

■Notes:
・DIGITAL LINK and DisplayPort selection are only effective for model group A and C.

2.55. SHIFT – HORIZONTAL [VTH]

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	56h	54h	48h	3Ah
Character		A	D	Z	Z	;	V	T	H	:
Hexadecimal	*1	*3	*5	*7	03h					
Character	*2	*4	*6	*8						

■ Parameters(*1,*2,*3,*4,*5,*6,*7,*8)

	0				1				2			
Hexadecimal	30h	30h	30h	30h	30h	30h	30h	31h	30h	30h	30h	32h
Character	0	0	0	0	0	0	0	1	0	0	0	2
	4092				4093				4094			
Hexadecimal	34h	30h	39h	32h	34h	30h	39h	33h	34h	30h	39h	34h
Character	4	0	9	2	4	0	9	3	4	0	9	4

■Response (Callback)
In the period when the command can be accepted

Hexadecimal	02h	56h	54h	48h	3Ah	*1	*3	*5	*7	03h
Character		V	T	H	:	*2	*4	*6	*8	

Acceptability

SECURITY	STANDBY	NO SIGNAL	SHUTTER	FREEZE / D-ZOOM	TEST PATTERN	REMOTE2	ECO STANDBY	P IN P	LENS HOME	INITIAL SETTING	SIGNAL LOCK
			✔		✔	✔		✔			

■Notes:
・Due to the input resolution setting / input signal, the maximum value will change.
・Minimum value : 0, Maximum value : (total dots) – 1.

2.56. SHIFT – VERTICAL [VTV]

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	56h	54h	56h	3Ah
Character		A	D	Z	Z	;	V	T	V	:
Hexadecimal	*1	*3	*5	*7	03h					
Character	*2	*4	*6	*8						

■ Parameters(*1,*2,*3,*4,*5,*6,*7,*8)

	0				1				2			
Hexadecimal	30h	30h	30h	30h	30h	30h	30h	31h	30h	30h	30h	32h
Character	0	0	0	0	0	0	0	1	0	0	0	2
	4092				4093				4094			
Hexadecimal	34h	30h	39h	32h	34h	30h	39h	33h	34h	30h	39h	34h
Character	4	0	9	2	4	0	9	3	4	0	9	4

■Response (Callback)
In the period when the command can be accepted

Hexadecimal	02h	56h	54h	56h	3Ah	*1	*3	*5	*7	03h
Character		V	T	V	:	*2	*4	*6	*8	

Acceptability

SECURITY	STANDBY	NO SIGNAL	SHUTTER	FREEZE / D-ZOOM	TEST PATTERN	REMOTE2	ECO STANDBY	P IN P	LENS HOME	INITIAL SETTING	SIGNAL LOCK
			✔		✔	✔		✔			

■Notes:
・Due to the input resolution setting / input signal, the maximum value will change.
・Minimum value : 0, Maximum value : (total lines) – 1.

2.57. ASPECT [VSE]

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	56h	53h	45h	3Ah
Character		A	D	Z	Z	;	V	S	E	:
Hexadecimal	*1	*3	03h							
Character	*2	*4								

■Parameters(*1,*2,*3,*4)
・INPUT TERMINAL: VIDEO(NTSC)/Y/C(NTSC)/BNC_VIDEO(NTSC)

	VID AUTO	4:3	WIDE(16:9)	NATIVE(THROUGH)	FULL(HV FIT)
Hexadecimal	30h	31h	32h	35h	36h
Character	0	1	2	5	6

	H FIT	V FIT	
Hexadecimal	39h	31h	30h
Character	9	1	0

・INPUT TERMINAL: RGB1(480i/480p)/RGB2(480i/480p)

	AUTO	4:3	WIDE(16:9)	NATIVE(THROUGH)	FULL(HV FIT)

Hexadecimal	30h	31h		32h	35h	36h
Character	0	1		2	5	6
	H FIT	V FIT				
Hexadecimal	39h	31h	30h			
Character	9	1	0			

·INPUT TERMINAL: without the above.

	NORMAL	4:3		WIDE(16:9)	NATIVE(THROUGH)	FULL(HV FIT)
Hexadecimal	30h	31h		32h	35h	36h
Character	0	1		2	5	6
	H FIT	V FIT				
Hexadecimal	39h	31h	30h			
Character	9	1	0			

■Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	56h	53h	45h	3Ah	*1	*3	03h
Character		V	S	E	:	*2	*4	

Acceptability

SECURITY	STANDBY	NO SIGNAL	SHUTTER	FREEZE / D-ZOOM	TEST PATTERN	REMOTE2	ECO STANDBY	P IN P	LENS HOME	INITIAL SETTING	SIGNAL LOCK
			✔		✔	✔		✔			

2.58. ZOOM [OZT]

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	4Fh	5Ah	54h	3Ah	*1	03h
Character		A	D	Z	Z	;	O	Z	T	:	*2	

■Parameters(*1,*2)

	INTERNAL	FULL
Hexadecimal	30h	31h
Character	0	1

■Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	4Fh	5Ah	54h	3Ah	*1	03h
Character		O	Z	T	:	*2	

Acceptability

SECURITY	STANDBY	NO SIGNAL	SHUTTER	FREEZE / D-ZOOM	TEST PATTERN	REMOTE2	ECO STANDBY	P IN P	LENS HOME	INITIAL SETTING	SIGNAL LOCK
			✔			✔		✔			

■Notes:

·Effect only when ASPECT is DEFAULT. It returns ER401 when selected other.

2.59. ZOOM –LENK [OZS]

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	4Fh	5Ah	53h	3Ah	*1	03h
Character		A	D	Z	Z	;	O	Z	S	:	*2	

■Parameters(*1,*2)

	OFF	ON
Hexadecimal	30h	31h
Character	0	1

■Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	4Fh	5Ah	53h	3Ah	*1	03h
Character		O	Z	S	:	*2	

Acceptability

SECURITY	STANDBY	NO SIGNAL	SHUTTER	FREEZE / D-ZOOM	TEST PATTERN	REMOTE2	ECO STANDBY	P IN P	LENS HOME	INITIAL SETTING	SIGNAL LOCK
			✔			✔		✔			

2.60. ZOOM – VERTICAL [OZV]

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	4Fh	5Ah	56h	3Ah
Character		A	D	Z	Z	;	O	Z	V	:
Hexadecimal	*1	*3	*5	03h						
Character	*2	*4	*6							

■Parameters(*1,*2,*3,*4,*5,*6)

	50			51			52		
Hexadecimal	30h	35h	30h	30h	35h	31h	30h	35h	32h
Character	0	5	0	0	5	1	0	5	2
	997			998			999		
Hexadecimal	39h	39h	37h	39h	39h	38h	39h	39h	39h
Character	9	9	7	9	9	8	9	9	9

■Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	4Fh	5Ah	56h	3Ah	*1	*3	*5	03h

Character		O	Z	V	:	*2	*4	*6	

Acceptability

SECURITY	STANDBY	NO SIGNAL	SHUTTER	FREEZE / D-ZOOM	TEST PATTERN	REMOTE2	ECO STANDBY	P IN P	LENS HOME	INITIAL SETTING	SIGNAL LOCK
			✔			✔		✔			

2.61. ZOOM – HORIZONTAL [OZH]

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	4Fh	5Ah	48h	3Ah
Character		A	D	Z	Z	;	O	Z	H	:
Hexadecimal	*1	*3	*5	03h						
Character	*2	*4	*6							

■Parameters(*1,*2,*3,*4,*5,*6)

	50			51			52		
Hexadecimal	30h	35h	30h	30h	35h	31h	30h	35h	32h
Character	0	5	0	0	5	1	0	5	2
	997			998			999		
Hexadecimal	39h	39h	37h	39h	39h	38h	39h	39h	39h
Character	9	9	7	9	9	8	9	9	9

■Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	4Fh	5Ah	48h	3Ah	*1	*3	*5	03h
Character		O	Z	H	:	*2	*4	*6	

Acceptability

SECURITY	STANDBY	NO SIGNAL	SHUTTER	FREEZE / D-ZOOM	TEST PATTERN	REMOTE2	ECO STANDBY	P IN P	LENS HOME	INITIAL SETTING	SIGNAL LOCK
			✔			✔		✔			

2.62. ZOOM – BOTH V&H [OZO]

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	4Fh	5Ah	4Fh	3Ah
Character		A	D	Z	Z	;	O	Z	O	:
Hexadecimal	*1	*3	*5	03h						
Character	*2	*4	*6							

■Parameters(*1,*2,*3,*4,*5,*6)

	50			51			52		
Hexadecimal	30h	35h	30h	30h	35h	31h	30h	35h	32h
Character	0	5	0	0	5	1	0	5	2
	997			998			999		
Hexadecimal	39h	39h	37h	39h	39h	38h	39h	39h	39h
Character	9	9	7	9	9	8	9	9	9

■Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	4Fh	5Ah	4Fh	3Ah	*1	*3	*5	03h
Character		O	Z	O	:	*2	*4	*6	

Acceptability

SECURITY	STANDBY	NO SIGNAL	SHUTTER	FREEZE / D-ZOOM	TEST PATTERN	REMOTE2	ECO STANDBY	P IN P	LENS HOME	INITIAL SETTING	SIGNAL LOCK
			✔			✔		✔			

2.63. CLOCK PHASE [VCP]

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	56h	43h	50h	3Ah
Character		A	D	Z	Z	;	V	C	P	:
Hexadecimal	*1	*3	*5	03h						
Character	*2	*4	*6							

■Parameters(*1,*2,*3,*4,*5,*6)

	0			1			2		
Hexadecimal	30h	30h	30h	30h	30h	31h	30h	30h	32h
Character	0	0	0	0	0	1	0	0	2
	29			30			31		
Hexadecimal	30h	32h	39h	30h	33h	30h	30h	33h	31h
Character	0	2	9	0	3	0	0	3	1

■Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	56h	43h	50h	3Ah	*1	*3	*5	03h
Character		V	C	P	:	*2	*4	*6	

Acceptability

SECURITY	STANDBY	NO SIGNAL	SHUTTER	FREEZE / D-ZOOM	TEST PATTERN	REMOTE2	ECO STANDBY	P IN P	LENS HOME	INITIAL SETTING	SIGNAL LOCK
			✔			✔		✔			

■Notes:

・Acceptability is possible only if it is selected or RGB2 or RGB1. Otherwise, it returns the ER401.
(Not supported signal(480i, 576i signal) returns ER401)

2.64. DVI EQUALIZER [VXX: DEQI0]

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	56h	58h	58h	3Ah
Character		A	D	Z	Z	;	V	X	X	:
Hexadecimal	44h	45h	51h	49h	30h	3Dh	2Bh	*1	*3	*5
Character	D	E	Q	I	0	=	+	*2	*4	*6
Hexadecimal	*7	*9	03h							
Character	*8	*10								

■Parameters(*1,*2,*3,*4,*5,*6,*7,*8,*9,*10)

	AUTO					LOW					MID				
Hexadecimal	30h	30h	30h	30h	30h	30h	30h	30h	30h	31h	30h	30h	30h	30h	32h
Character	0	0	0	0	0	0	0	0	0	1	0	0	0	0	2

	HIGHT				
Hexadecimal	30h	30h	30h	30h	33h
Character	0	0	0	0	3

■Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	56h	58h	58h	3Ah	44h	45h	51h	49h	30h
Character		V	X	X	:	D	E	Q	I	0
Hexadecimal	3Dh	2Bh	*1	*3	*5	*7	*9	03h		
Character	=	+	*2	*4	*6	*8	*10			

Acceptability

SECURITY	STANDBY	NO SIGNAL	SHUTTER	FREEZE / D-ZOOM	TEST PATTERN	REMOTE2	ECO STANDBY	P IN P	LENS HOME	INITIAL SETTING	SIGNAL LOCK
			✔		✔	✔		✔			

■Notes:

・Acceptability is possible only if the service mode is selected. Accepability ispossible only if the existed DVI signal. Othwiseotreturns ER401.

2.65. KEYSTONE - VERTICAL [VXX:GMKI1]

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	56h	58h	58h	3Ah
Character		A	D	Z	Z	;	V	X	X	:
Hexadecimal	47h	4Dh	4Bh	49h	31h	3Dh	*1	*3	*5	*7
Character	G	M	K	I	1	=	*2	*4	*6	*8
Hexadecimal	*9	*11	03h							
Character	*10	*12								

■Parameters(*1,*2,*3,*4,*5,*6,*7,*8,*9,*10,*11,*12)

	-80						-79					
Hexadecimal	2Dh	30h	30h	30h	38h	30h	2Dh	30h	30h	30h	37h	39h
Character	-	0	0	0	8	0	-	0	0	0	7	9
	+79						+80					
Hexadecimal	2Bh	30h	30h	30h	37h	39h	2Bh	30h	30h	30h	38h	30h
Character	+	0	0	0	7	9	+	0	0	0	8	0

■Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	56h	58h	58h	3Ah	47h	4Dh	4Bh	49h	31h
Character		V	X	X	:	G	M	K	I	1
Hexadecimal	3Dh	*1	*3	*5	*7	*9	*11	03h		
Character	=	*2	*4	*6	*8	*10	*12			

Acceptability

SECURITY	STANDBY	NO SIGNAL	SHUTTER	FREEZE / D-ZOOM	TEST PATTERN	REMOTE2	ECO STANDBY	P IN P	LENS HOME	INITIAL SETTING	SIGNAL LOCK
	✔	✔	✔		✔	✔		✔			✔

2.66. KEYSTONE – HORIZONTAL [VXX:GMKI5]

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	56h	58h	58h	3Ah
Character		A	D	Z	Z	;	V	X	X	:
Hexadecimal	47h	4Dh	4Bh	49h	35h	3Dh	*1	*3	*5	*7
Character	G	M	K	I	5	=	*2	*4	*6	*8
Hexadecimal	*9	*11	03h							
Character	*10	*12								

■Parameters(*1,*2,*3,*4,*5,*6,*7,*8,*9,*10,*11,*12)

	-80						-79					
Hexadecimal	2Dh	30h	30h	30h	38h	30h	2Dh	30h	30h	30h	37h	39h
Character	-	0	0	0	8	0	-	0	0	0	7	9
	+79						+80					
Hexadecimal	2Bh	30h	30h	30h	37h	39h	2Bh	30h	30h	30h	38h	30h
Character	+	0	0	0	7	9	+	0	0	0	8	0

■Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	56h	58h	58h	3Ah	47h	4Dh	4Bh	49h	35h
Character		V	X	X	:	G	M	K	I	5
Hexadecimal	3Dh	*1	*3	*5	*7	*9	*11	03h		
Character	=	*2	*4	*6	*8	*10	*12			

Acceptability

SECURITY	STANDBY	NO SIGNAL	SHUTTER	FREEZE / D-ZOOM	TEST PATTERN	REMOTE2	ECO STANDBY	P IN P	LENS HOME	INITIAL SETTING	SIGNAL LOCK
	✔	✔	✔		✔	✔		✔			✔

2.67. KEYSTONE – VERTICAL –RELATIVE [VXX:KSVI1]

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	56h	58h	58h	3Ah
Character		A	D	Z	Z	;	V	X	X	:
Hexadecimal	4Bh	53h	56h	49h	31h	3Dh	*1	*3	*5	*7
Character	K	S	V	I	1	=	*2	*4	*6	*8
Hexadecimal	*9	*11	03h							
Character	*10	*12								

■Parameters(*1,*2,*3,*4,*5,*6,*7,*8,*9,*10,*11,*12) Specify the value from present value.

	-80						-79					
Hexadecimal	2Dh	30h	30h	30h	38h	30h	2Dh	30h	30h	30h	37h	39h
Character	-	0	0	0	8	0	-	0	0	0	7	9
	+79						+80					
Hexadecimal	2Bh	30h	30h	30h	37h	39h	2Bh	30h	30h	30h	38h	30h
Character	+	0	0	0	7	9	+	0	0	0	8	0

■Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	56h	58h	58h	3Ah	4Bh	53h	56h	49h	31h
Character		V	X	X	:	K	S	V	I	1
Hexadecimal	3Dh	*1	*3	*5	*7	*9	*11	03h		
Character	=	*2	*4	*6	*8	*10	*12			

Acceptability

SECURITY	STANDBY	NO SIGNAL	SHUTTER	FREEZE / D-ZOOM	TEST PATTERN	REMOTE2	ECO STANDBY	P IN P	LENS HOME	INITIAL SETTING	SIGNAL LOCK
	✔	✔	✔		✔	✔		✔			✔

2.68. KEYSTONE – HORIZONTAL –RELATIVE [VXX:KSHI1]

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	56h	58h	58h	3Ah
Character		A	D	Z	Z	;	V	X	X	:
Hexadecimal	4Bh	53h	48h	49h	31h	3Dh	*1	*3	*5	*7
Character	K	S	H	I	1	=	*2	*4	*6	*8
Hexadecimal	*9	*11	03h							
Character	*10	*12								

■Parameters(*1,*2,*3,*4,*5,*6,*7,*8,*9,*10,*11,*12) Specify the value from present value.

	-80						-79					
Hexadecimal	2Dh	30h	30h	30h	38h	30h	2Dh	30h	30h	30h	37h	39h
Character	-	0	0	0	8	0	-	0	0	0	7	9
	+79						+80					
Hexadecimal	2Bh	30h	30h	30h	37h	39h	2Bh	30h	30h	30h	38h	30h
Character	+	0	0	0	7	9	+	0	0	0	8	0

■Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	56h	58h	58h	3Ah	4Bh	53h	48h	49h	31h
Character		V	X	X	:	K	S	H	I	1
Hexadecimal	3Dh	*1	*3	*5	*7	*9	*11	03h		
Character	=	*2	*4	*6	*8	*10	*12			

Acceptability

SECURITY	STANDBY	NO SIGNAL	SHUTTER	FREEZE / D-ZOOM	TEST PATTERN	REMOTE2	ECO STANDBY	P IN P	LENS HOME	INITIAL SETTING	SIGNAL LOCK
	✔	✔	✔		✔	✔		✔			✔

2.69. KEYSTONE – CORNER KEYSTONE-VERTICAL-TOP/LEFT [VXX:GMFI1]

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	56h	58h	58h	3Ah
Character		A	D	Z	Z	;	V	X	X	:
Hexadecimal	47h	4Dh	46h	49h	31h	3Dh	*1	*3	*5	*7
Character	G	M	F	I	1	=	*2	*4	*6	*8
Hexadecimal	*9	*11	03h							
Character	*10	*12								

■Parameters(*1,*2,*3,*4,*5,*6,*7,*8,*9,*10,*11,*12)

	+0					+599					
Hexadecimal	2Bh	30h	30h	30h	30h	30h	2Bh	30h	30h	35h	39h	39h
Character	+	0	0	0	0	0	+	0	0	5	9	9

■Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	56h	58h	58h	3Ah	47h	4Dh	46h	49h	31h
Character		V	X	X	:	G	M	F	I	1
Hexadecimal	3Dh	*1	*3	*5	*7	*9	*11	03h		
Character	=	*2	*4	*6	*8	*10	*12			

Acceptability

SECURITY	STANDBY	NO SIGNAL	SHUTTER	FREEZE / D-ZOOM	TEST PATTERN	REMOTE2	ECO STANDBY	P IN P	LENS HOME	INITIAL SETTING	SIGNAL LOCK
		✔	✔		✔	✔		✔			✔

■Notes:

・The maximum value is varied depending on the models.

2.70. KEYSTONE – CORNER KEYSTONE-VERTICAL-TOP/RIGHT [VXX:GMFI2]

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	56h	58h	58h	3Ah
Character		A	D	Z	Z	;	V	X	X	:
Hexadecimal	47h	4Dh	46h	49h	32h	3Dh	*1	*3	*5	*7
Character	G	M	F	I	2	=	*2	*4	*6	*8
Hexadecimal	*9	*11	03h							
Character	*10	*12								

■Parameters(*1,*2,*3,*4,*5,*6,*7,*8,*9,*10,*11,*12)

	+0					+599					
Hexadecimal	2Bh	30h	30h	30h	30h	30h	2Bh	30h	30h	35h	39h	39h
Character	+	0	0	0	0	0	+	0	0	5	9	9

■Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	56h	58h	58h	3Ah	47h	4Dh	46h	49h	31h
Character		V	X	X	:	G	M	F	I	2
Hexadecimal	3Dh	*1	*3	*5	*7	*9	*11	03h		
Character	=	*2	*4	*6	*8	*10	*12			

Acceptability

SECURITY	STANDBY	NO SIGNAL	SHUTTER	FREEZE / D-ZOOM	TEST PATTERN	REMOTE2	ECO STANDBY	P IN P	LENS HOME	INITIAL SETTING	SIGNAL LOCK
		✔	✔		✔	✔		✔			✔

■Notes:

・The maximum value is varied depending on the models.

2.71. KEYSTONE – CORNER KEYSTONE-VERTICAL-BOTTOM/LEFT [VXX:GMFI3]

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	56h	58h	58h	3Ah
Character		A	D	Z	Z	;	V	X	X	:
Hexadecimal	47h	4Dh	46h	49h	33h	3Dh	*1	*3	*5	*7
Character	G	M	F	I	3	=	*2	*4	*6	*8
Hexadecimal	*9	*11	03h							
Character	*10	*12								

■Parameters(*1,*2,*3,*4,*5,*6,*7,*8,*9,*10,*11,*12)

	-599						+0					
Hexadecimal	2Dh	30h	30h	35h	39h	39h	2Bh	30h	30h	30h	30h	30h
Character	-	0	0	5	9	9	+	0	0	0	0	0

■Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	56h	58h	58h	3Ah	47h	4Dh	46h	49h	33h
Character		V	X	X	:	G	M	F	I	3
Hexadecimal	3Dh	*1	*3	*5	*7	*9	*11	03h		
Character	=	*2	*4	*6	*8	*10	*12			

Acceptability

SECURITY	STANDBY	NO SIGNAL	SHUTTER	FREEZE / D-ZOOM	TEST PATTERN	REMOTE2	ECO STANDBY	P IN P	LENS HOME	INITIAL SETTING	SIGNAL LOCK
		✔	✔		✔	✔		✔			✔

■Notes:

・The maximum value is varied depending on the models.

2.72. KEYSTONE – CORNER KEYSTONE-VERTICAL-BOTTOM/RIGHT [VXX:GMFI4]

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	56h	58h	58h	3Ah
Character		A	D	Z	Z	;	V	X	X	:
Hexadecimal	47h	4Dh	46h	49h	34h	3Dh	*1	*3	*5	*7
Character	G	M	F	I	4	=	*2	*4	*6	*8

Hexadecimal	*9	*11	03h
Character	*10	*12	

■Parameters(*1,*2,*3,*4,*5,*6,*7,*8,*9,*10,*11,*12)

	-599						+0					
Hexadecimal	2Dh	30h	30h	35h	39h	39h	2Bh	30h	30h	30h	30h	30h
Character	-	0	0	5	9	9	+	0	0	0	0	0

■Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	56h	58h	58h	3Ah	47h	4Dh	46h	49h	34h
Character		V	X	X	:	G	M	F	I	4
Hexadecimal	3Dh	*1	*3	*5	*7	*9	*11	03h		
Character	=	*2	*4	*6	*8	*10	*12			

Acceptability

SECURITY	STANDBY	NO SIGNAL	SHUTTER	FREEZE / D-ZOOM	TEST PATTERN	REMOTE2	ECO STANDBY	P IN P	LENS HOME	INITIAL SETTING	SIGNAL LOCK
		✔	✔		✔	✔		✔			✔

■Notes:

・The maximum value is varied depending on the models.

2.73. KEYSTONE – CORNER KEYSTONE-HORIZONTAL-TOP/LEFT [VXX:GMFI6]

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	56h	58h	58h	3Ah
Character		A	D	Z	Z	;	V	X	X	:
Hexadecimal	47h	4Dh	46h	49h	36h	3Dh	*1	*3	*5	*7
Character	G	M	F	I	6	=	*2	*4	*6	*8
Hexadecimal	*9	*11	03h							
Character	*10	*12								

■Parameters(*1,*2,*3,*4,*5,*6,*7,*8,*9,*10,*11,*12)

	+0						+959					
Hexadecimal	2Bh	30h	30h	30h	30h	30h	2Bh	30h	30h	39h	35h	39h
Character	+	0	0	0	0	0	+	0	0	9	5	9

■Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	56h	58h	58h	3Ah	47h	4Dh	46h	49h	36h
Character		V	X	X	:	G	M	F	I	6
Hexadecimal	3Dh	*1	*3	*5	*7	*9	*11	03h		
Character	=	*2	*4	*6	*8	*10	*12			

Acceptability

SECURITY	STANDBY	NO SIGNAL	SHUTTER	FREEZE / D-ZOOM	TEST PATTERN	REMOTE2	ECO STANDBY	P IN P	LENS HOME	INITIAL SETTING	SIGNAL LOCK
		✔	✔		✔	✔		✔			✔

■Notes:

・The maximum value is varied depending on the models.

2.74. KEYSTONE – CORNER KEYSTONE-HORIZONTAL-TOP/RIGHT [VXX:GMFI7]

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	56h	58h	58h	3Ah
Character		A	D	Z	Z	;	V	X	X	:
Hexadecimal	47h	4Dh	46h	49h	37h	3Dh	*1	*3	*5	*7
Character	G	M	F	I	7	=	*2	*4	*6	*8
Hexadecimal	*9	*11	03h							
Character	*10	*12								

■Parameters(*1,*2,*3,*4,*5,*6,*7,*8,*9,*10,*11,*12)

	-959						+0					
Hexadecimal	2Dh	30h	30h	39h	35h	39h	2Bh	30h	30h	30h	30h	30h
Character	-	0	0	9	5	9	+	0	0	0	0	0

■Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	56h	58h	58h	3Ah	47h	4Dh	46h	49h	37h
Character		V	X	X	:	G	M	F	I	7
Hexadecimal	3Dh	*1	*3	*5	*7	*9	*11	03h		
Character	=	*2	*4	*6	*8	*10	*12			

Acceptability

SECURITY	STANDBY	NO SIGNAL	SHUTTER	FREEZE / D-ZOOM	TEST PATTERN	REMOTE2	ECO STANDBY	P IN P	LENS HOME	INITIAL SETTING	SIGNAL LOCK
		✔	✔		✔	✔		✔			✔

■Notes:

・The maximum value is varied depending on the models.

2.75. KEYSTONE – CORNER KEYSTONE-HORIZONTAL-BOTTOM/LEFT [VXX:GMFI8]

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	56h	58h	58h	3Ah
Character		A	D	Z	Z	;	V	X	X	:

Hexadecimal	47h	4Dh	46h	49h	38h	3Dh	*1	*3	*5	*7
Character	G	M	F	I	8	=	*2	*4	*6	*8
Hexadecimal	*9	*11	03h							
Character	*10	*12								

■Parameters(*1,*2,*3,*4,*5,*6,*7,*8,*9,*10,*11,*12)

	+0						+959					
Hexadecimal	2Bh	30h	30h	30h	30h	30h	2Bh	30h	30h	39h	35h	39h
Character	+	0	0	0	0	0	+	0	0	9	5	9

■Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	56h	58h	58h	3Ah	47h	4Dh	46h	49h	38h
Character		V	X	X	:	G	M	F	I	8
Hexadecimal	3Dh	*1	*3	*5	*7	*9	*11	03h		
Character	=	*2	*4	*6	*8	*10	*12			

Acceptability

SECURITY	STANDBY	NO SIGNAL	SHUTTER	FREEZE / D-ZOOM	TEST PATTERN	REMOTE2	ECO STANDBY	P IN P	LENS HOME	INITIAL SETTING	SIGNAL LOCK
		✔	✔		✔	✔		✔			✔

■Notes:

・The maximum value is varied depending on the models.

2.76. KEYSTONE – CORNER KEYSTONE-HORIZONTAL-BOTTOM/RIGHT [VXX:GMFI9]

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	56h	58h	58h	3Ah
Character		A	D	Z	Z	;	V	X	X	:
Hexadecimal	47h	4Dh	46h	49h	39h	3Dh	*1	*3	*5	*7
Character	G	M	F	I	9	=	*2	*4	*6	*8
Hexadecimal	*9	*11	03h							
Character	*10	*12								

■Parameters(*1,*2,*3,*4,*5,*6,*7,*8,*9,*10,*11,*12)

	-959						+0					
Hexadecimal	2Dh	30h	30h	39h	35h	39h	2Bh	30h	30h	30h	30h	30h
Character	-	0	0	9	5	9	+	0	0	0	0	0

■Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	56h	58h	58h	3Ah	47h	4Dh	46h	49h	39h
Character		V	X	X	:	G	M	F	I	9
Hexadecimal	3Dh	*1	*3	*5	*7	*9	*11	03h		
Character	=	*2	*4	*6	*8	*10	*12			

Acceptability

SECURITY	STANDBY	NO SIGNAL	SHUTTER	FREEZE / D-ZOOM	TEST PATTERN	REMOTE2	ECO STANDBY	P IN P	LENS HOME	INITIAL SETTING	SIGNAL LOCK
		✔	✔		✔	✔		✔			✔

■Notes:

・The maximum value is varied depending on the models.

2.77. DIGITAL CINEMA REALITY [OPD]

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	4Fh	50h	44h	3Ah	*1	03h
Character		A	D	Z	Z	;	O	P	D	:	*2	

■Parameters(*1,*2)

	AUTO	OFF	30p or 25p fix
Hexadecimal	30h	31h	32h
Character	0	1	2

■Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	4Fh	50h	44h	3Ah	*1	03h
Character		O	P	D	:	*2	

Acceptability

SECURITY	STANDBY	NO SIGNAL	SHUTTER	FREEZE / D-ZOOM	TEST PATTERN	REMOTE2	ECO STANDBY	P IN P	LENS HOME	INITIAL SETTING	SIGNAL LOCK
			✔		✔	✔		✔			

2.78. BLANMKING – TOP [DBU]

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	44h	42h	55h	3Ah
Character		A	D	Z	Z	;	D	B	U	:
Hexadecimal	*1	*3	*5	03h						
Character	*2	*4	*6							

■Parameters(*1,*2,*3,*4,*5,*6)

	0			1			2		
Hexadecimal	30h	30h	30h	30h	30h	31h	30h	30h	32h
Character	0	0	0	0	0	1	0	0	2

Model WUXGA

	597			598			599	
Hexadecimal	35h	39h	37h	35h	39h	38h	35h	39h	39h
Character	5	9	7	5	9	8	5	9	9

Model WXGA

	397			398			399	
Hexadecimal	33h	39h	37h	33h	39h	38h	33h	39h	39h
Character	3	9	7	3	9	8	3	9	9

Model XGA

	381			382			383	
Hexadecimal	33h	38h	31h	33h	38h	32h	33h	38h	33h
Character	3	8	1	3	8	2	3	8	3

■Notes:

・The maximum value is varied depending on the input signals, zoom oraspect setting.

■Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	44h	42h	55h	3Ah	*1	*3	*5	03h
Character		D	B	U	:	*2	*4	*6	

Acceptability

SECURITY	STANDBY	NO SIGNAL	SHUTTER	FREEZE / D-ZOOM	TEST PATTERN	REMOTE2	ECO STANDBY	P IN P	LENS HOME	INITIAL SETTING	SIGNAL LOCK
			✔		✔	✔		✔			

2.79. BLANKING – BOTTOM [DBB]

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	44h	42h	42h	3Ah
Character		A	D	Z	Z	;	D	B	B	:
Hexadecimal	*1	*3	*5	03h						
Character	*2	*4	*6							

■Parameters(*1,*2,*3,*4,*5,*6)

	0			1			2	
Hexadecimal	30h	30h	30h	30h	30h	31h	30h	30h	32h
Character	0	0	0	0	0	1	0	0	2

Model WUXGA

	597			598			599	
Hexadecimal	35h	39h	37h	35h	39h	38h	35h	39h	39h
Character	5	9	7	5	9	8	5	9	9

Model WXGA

	397			398			399	
Hexadecimal	33h	39h	37h	33h	39h	38h	33h	39h	39h
Character	3	9	7	3	9	8	3	9	9

Model XGA

	381			382			383	
Hexadecimal	33h	38h	31h	33h	38h	32h	33h	38h	33h
Character	3	8	1	3	8	2	3	8	3

■Notes:

・The maximum value is varied depending on the input signals, zoom oraspect setting.

■Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	44h	42h	42h	3Ah	*1	*3	*5	03h
Character		D	B	B	:	*2	*4	*6	

Acceptability

SECURITY	STANDBY	NO SIGNAL	SHUTTER	FREEZE / D-ZOOM	TEST PATTERN	REMOTE2	ECO STANDBY	P IN P	LENS HOME	INITIAL SETTING	SIGNAL LOCK
			✔		✔	✔		✔			

2.80. BLANKING – LEFT [DBL]

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	44h	42h	4Ch	3Ah
Character		A	D	Z	Z	;	D	B	L	:
Hexadecimal	*1	*3	*5	03h						
Character	*2	*4	*6							

■Parameters(*1,*2,*3,*4,*5,*6)

	0			1			2	
Hexadecimal	30h	30h	30h	30h	30h	31h	30h	30h	32h
Character	0	0	0	0	0	1	0	0	2

Model WUXGA

	957			958			959	
Hexadecimal	39h	35h	37h	39h	35h	38h	39h	35h	39h
Character	9	5	7	9	5	8	9	5	9

Model WXGA

	637			638			639		
Hexadecimal	36h	33h	37h	36h	33h	38h	36h	33h	39h
Character	6	3	7	6	3	8	6	3	9

Model XGA

	509			510			511		
Hexadecimal	35h	30h	39h	35h	31h	30h	35h	31h	31h
Character	5	0	9	5	1	0	5	1	1

■Notes:

・The maximum value is varied depending on the input signals, zoom oraspect setting.

■Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	44h	42h	4Ch	3Ah	*1	*3	*5	03h
Character		D	B	L	:	*2	*4	*6	

Acceptability

SECURITY	STANDBY	NO SIGNAL	SHUTTER	FREEZE / D-ZOOM	TEST PATTERN	REMOTE2	ECO STANDBY	P IN P	LENS HOME	INITIAL SETTING	SIGNAL LOCK
			✔		✔	✔		✔			

2.81. BLANKING – RIGHT [DBR]

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	44h	42h	52h	3Ah
Character		A	D	Z	Z	;	D	B	R	:
Hexadecimal	*1	*3	*5	03h						
Character	*2	*4	*6							

■Parameters(*1,*2,*3,*4,*5,*6)

	0			1			2		
Hexadecimal	30h	30h	30h	30h	30h	31h	30h	30h	32h
Character	0	0	0	0	0	1	0	0	2

Model WUXGA

	957			958			959		
Hexadecimal	39h	35h	37h	39h	35h	38h	39h	35h	39h
Character	9	5	7	9	5	8	9	5	9

Model WXGA

	637			638			639		
Hexadecimal	36h	33h	37h	36h	33h	38h	36h	33h	39h
Character	6	3	7	6	3	8	6	3	9

Model XGA

	509			510			511		
Hexadecimal	35h	30h	39h	35h	31h	30h	35h	31h	31h
Character	5	0	9	5	1	0	5	1	1

■Notes:

・The maximum value is varied depending on the input signals, zoom oraspect setting.

■Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	44h	42h	52h	3Ah	*1	*3	*5	03h
Character		D	B	R	:	*2	*4	*6	

Acceptability

SECURITY	STANDBY	NO SIGNAL	SHUTTER	FREEZE / D-ZOOM	TEST PATTERN	REMOTE2	ECO STANDBY	P IN P	LENS HOME	INITIAL SETTING	SIGNAL LOCK
			✔		✔	✔		✔			

2.82. INPUT RESOLUTION – TOTAL DOTS [VTD]

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	56h	54h	44h	3Ah
Character		A	D	Z	Z	;	V	T	D	:
Hexadecimal	*1	*3	*5	*7	03h					
Character	*2	*4	*6	*8						

■Parameters(*1,*2,*3,*4,*5,*6,*7,*8)

	330				331			
Hexadecimal	30h	33h	33h	30h	30h	33h	33h	31h
Character	0	3	3	0	0	3	3	1
	4094				4095			
Hexadecimal	34h	30h	39h	34h	34h	30h	39h	35h
Character	4	0	9	4	4	0	9	5

■Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	56h	54h	44h	3Ah	*1	*3	*5	*7	03h
Character		V	T	D	:	*2	*4	*6	*8	

Acceptability

SECURITY	STANDBY	NO SIGNAL	SHUTTER	FREEZE / D-ZOOM	TEST PATTERN	REMOTE2	ECO STANDBY	P IN P	LENS HOME	INITIAL SETTING	SIGNAL LOCK
			✔		✔	✔		✔			

■Notes:
・An adjustable range changes with input signals/ input resolution.
・When specify a value of less than total dots+30, returns the ER402.
・Can be adjusted only when a signal is input to the [RGB 1 IN] terminal or the [RGB 2 IN] terminal, and HV Sync movie.

2.83. INPUT RESOLUTION – DISPLAY DOTS [VDD]

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	56h	44h	44h	3Ah
Character		A	D	Z	Z	;	V	D	D	:
Hexadecimal	*1	*3	*5	*7	03h					
Character	*2	*4	*6	*8						

■Parameters(*1,*2,*3,*4,*5,*6,*7,*8)

	300				301			
Hexadecimal	30h	33h	30h	30h	30h	33h	30h	31h
Character	0	3	0	0	0	3	0	1
	4064				4065			
Hexadecimal	34h	30h	36h	34h	34h	30h	36h	35h
Character	4	0	6	4	4	0	6	5

■Response (Callback)
In the period when the command can be accepted

Hexadecimal	02h	56h	44h	44h	3Ah	*1	*3	*5	*7	03h
Character		V	D	D	:	*2	*4	*6	*8	

Acceptability

SECURITY	STANDBY	NO SIGNAL	SHUTTER	FREEZE / D-ZOOM	TEST PATTERN	REMOTE2	ECO STANDBY	P IN P	LENS HOME	INITIAL SETTING	SIGNAL LOCK
			✔		✔	✔		✔			

Effectice only for RGB1/RGB2

■Notes:
・An adjustable range changes with input signals/ input resolution.
・When specify a value of less than total dots+30, returns the ER402.

2.84. INPUT RESOLUTION – TOTAL LINES [VTL]

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	56h	54h	4Ch	3Ah
Character		A	D	Z	Z	;	V	T	L	:
Hexadecimal	*1	*3	*5	*7	03h					
Character	*2	*4	*6	*8						

■Parameters(*1,*2,*3,*4,*5,*6,*7,*8)

	155				156			
Hexadecimal	30h	31h	35h	35h	30h	31h	35h	36h
Character	0	1	5	5	0	1	5	6
	2046				2047			
Hexadecimal	24h	30h	34h	36h	32h	30h	34h	37h
Character	2	0	4	6	2	0	4	7

■Response (Callback)
In the period when the command can be accepted

Hexadecimal	02h	56h	54h	4Ch	3Ah	*1	*3	*5	*7	03h
Character		V	T	L	:	*2	*4	*6	*8	

Acceptability

SECURITY	STANDBY	NO SIGNAL	SHUTTER	FREEZE / D-ZOOM	TEST PATTERN	REMOTE2	ECO STANDBY	P IN P	LENS HOME	INITIAL SETTING	SIGNAL LOCK
			✔		✔	✔		✔			

Effective only for RGB1/RGB2

■Notes:
・An adjustable range changes with input signals/ input resolution.
・When specify a value of less than display lines +10, returns the ER402.

2.85. INPUT RESOLUTION – DISPLAY LINES [VDL]

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	56h	44h	4Ch	3Ah
Character		A	D	Z	Z	;	V	D	L	:
Hexadecimal	*1	*3	*5	*7	03h					
Character	*2	*4	*6	*8						

■Parameters(*1,*2,*3,*4,*5,*6,*7,*8)

	150				151			
Hexadecimal	30h	31h	35h	30h	30h	31h	35h	31h
Character	0	1	5	0	0	1	5	1
	2036				2037			
Hexadecimal	32h	30h	33h	36h	32h	30h	33h	37h
Character	2	0	3	6	2	0	3	7

■Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	56h	44h	4Ch	3Ah	*1	*3	*5	*7	03h
Character		V	D	L	:	*2	*4	*6	*8	

Acceptability

SECURITY	STANDBY	NO SIGNAL	SHUTTER	FREEZE / D-ZOOM	TEST PATTERN	REMOTE2	ECO STANDBY	P IN P	LENS HOME	INITIAL SETTING	SIGNAL LOCK
			✔		✔	✔		✔			

Effective only for RGB1/RGB2

■Notes:
・An adjustable range changes with input signals/ input resolution.
・When specify a value of more than total lines -10, returns the ER402.

2.86. CLAMP POSITION [VLT]

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	56h	4Ch	54h	3Ah
Character		A	D	Z	Z	;	V	L	T	:
Hexadecimal	*1	*3	*5	03h						
Character	*2	*4	*6							

■Parameters(*1,*2,*3,*4,*5,*6)

	1			2		
Hexadecimal	30h	30h	31h	30h	30h	32h
Character	0	0	1	0	0	2
	254			255		
Hexadecimal	32h	35h	34h	32h	35h	35h
Character	2	5	4	2	5	5

■Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	56h	4Ch	54h	3Ah	*1	*3	*5	03h
Character		V	L	T	:	*2	*4	*6	

Acceptability

SECURITY	STANDBY	NO SIGNAL	SHUTTER	FREEZE / D-ZOOM	TEST PATTERN	REMOTE2	ECO STANDBY	P IN P	LENS HOME	INITIAL SETTING	SIGNAL LOCK
			✔		✔	✔					

■Notes:
・It is available only when RGB1 or RGB2 is selected. In other case returns the ER401.
(ER401 is returned if input signal is unsupported signal(480i, 576i signal)

2.87. FRAME LOCK [VFL]

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	56h	46h	4Ch	3Ah	*1	03h
Character		A	D	Z	Z	;	V	F	L	:	*2	

■Parameters(*1,*2)

	OFF	ON
Hexadecimal	30h	31h
Character	0	1

■Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	56h	46h	4Ch	3Ah	*1	03h
Character		V	F	L	:	*2	

Acceptability

SECURITY	STANDBY	NO SIGNAL	SHUTTER	FREEZE / D-ZOOM	TEST PATTERN	REMOTE2	ECO STANDBY	P IN P	LENS HOME	INITIAL SETTING	SIGNAL LOCK
			✔		✔	✔		✔			

■Notes:
・Efective only not service mode.

2.88. RASTER POSITION - VERTICAL [VRV]

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	56h	52h	56h	3Ah
Character		A	D	Z	Z	;	V	R	V	:
Hexadecimal	*1	*3	*5	*7	03h					
Character	*2	*4	*6	*8						

■Parameters(*1,*2,*3,*4,*5,*6,*7,*8) ((Send data with +5000 value)

	-2048				-2047			
Hexadecimal	32h	39h	35h	32h	32h	39h	35h	33h
Character	2	9	5	2	2	9	5	3
	+2046				+2047			
Hexadecimal	37h	30h	34h	36h	37h	30h	34h	37h
Character	7	0	4	6	7	0	4	7

■Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	56h	52h	56h	3Ah	*1	*3	*5	*7	03h

Character		V	R	V	:	*2	*4	*6	*8	

Acceptability

SECURITY	STANDBY	NO SIGNAL	SHUTTER	FREEZE / D-ZOOM	TEST PATTERN	REMOTE2	ECO STANDBY	P IN P	LENS HOME	INITIAL SETTING	SIGNAL LOCK
			✔		✔	✔		✔			

■Notes:

・The maximum value differs depending on the setting condition of input signal, aspect and zoom.

2.89. RASTER POSITION – HORIZONTAL [VRH]

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	56h	52h	48h	3Ah
Character		A	D	Z	Z	;	V	R	H	:
Hexadecimal	*1	*3	*5	*7	03h					
Character	*2	*4	*6	*8						

■Parameters(*1,*2,*3,*4,*5,*6,*7,*8) (Send data with +5000 value)

	-2048				-2047			
Hexadecimal	32h	39h	35h	32h	32h	39h	35h	33h
Character	2	9	5	2	2	9	5	3
	+2046				+2047			
Hexadecimal	37h	30h	34h	36h	37h	30h	34h	37h
Character	7	0	4	6	7	0	4	7

■Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	56h	52h	48h	3Ah	*1	*3	*5	*7	03h
Character		V	R	H	:	*2	*4	*6	*8	

Acceptability

SECURITY	STANDBY	NO SIGNAL	SHUTTER	FREEZE / D-ZOOM	TEST PATTERN	REMOTE2	ECO STANDBY	P IN P	LENS HOME	INITIAL SETTING	SIGNAL LOCK
			✔		✔	✔		✔			

■Notes:

・The maximum value differs depending on the setting condition of input signal, aspect and zoom.

2.90. DISPLAY LANGUAGE [OLG]

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	4Fh	4Ch	47h	3Ah
Character		A	D	Z	Z	;	O	L	G	:
Hexadecimal	*1	*3	*5	03h						
Character	*2	*4	*6							

■Parameters(*1,*2,*3,*4,*5,*6)

	English			German			French		
Hexadecimal	45h	4Eh	47h	44h	45h	55h	46h	52h	41h
Character	E	N	G	D	E	U	F	R	A
	Spanish			Italian			Portuguese		
Hexadecimal	45h	53h	50h	49h	54h	4Ch	50h	4Fh	52h
Character	E	S	P	I	T	L	P	O	R
	Japanese			Chinese			Russian		
Hexadecimal	4Ah	50h	4Eh	43h	48h	49h	52h	55h	53h
Character	J	P	N	C	H	I	R	U	S
	Korean								
Hexadecimal	4Bh	4Fh	52h						
Character	K	O	R						

■Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	4Fh	4Ch	47h	3Ah	*1	*3	*5	03h
Character		O	L	G	:	*2	*4	*6	

Acceptability

SECURITY	STANDBY	NO SIGNAL	SHUTTER	FREEZE / D-ZOOM	TEST PATTERN	REMOTE2	ECO STANDBY	P IN P	LENS HOME	INITIAL SETTING	SIGNAL LOCK
	✔	✔	✔		✔	✔		✔			✔

2.91. COLOR MATCHING [VXX:CMAI0]

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	56h	58h	58h	3Ah
Character		A	D	Z	Z	;	V	X	X	:
Hexadecimal	44h	4Dh	41h	49h	30h	3Dh	2Bh	*1	*3	*5
Character	C	M	A	I	0	=	+	*2	*4	*6
Hexadecimal	*7	*9	03h							
Character	*8	*10								

■Parameters(*1,*2,*3,*4,*5,*6,*7,*8,*9,*10)

	OFF					3COLORS					7COLORS				
Hexadecimal	30h	30h	30h	30h	30h	30h	30h	30h	30h	31h	30h	30h	30h	30h	32h

Character	0	0	0	0	0	0	0	0	0	1	0	0	0	0	2

■Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	56h	58h	58h	3Ah	44h	4Dh	41h	49h	30h
Character		V	X	X	:	C	M	A	I	0
Hexadecimal	3Dh	2Bh	*1	*3	*5	*7	*9	03h		
Character	=	+	*2	*4	*6	*8	*10			

Acceptability

SECURITY	STANDBY	NO SIGNAL	SHUTTER	FREEZE / D-ZOOM	TEST PATTERN	REMOTE2	ECO STANDBY	P IN P	LENS HOME	INITIAL SETTING	SIGNAL LOCK
		✔	✔		✔	✔		✔			✔

2.92. COLOR MATCHING 3COLORS - RED [VMR]

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	56h	4Dh	52h	3Ah
Character		A	D	Z	Z	;	V	M	R	:
Hexadecimal	*1	*3	*5	*7	2Ch	*9	*11	*13	*15	2Ch
Character	*2	*4	*6	*8	,	*10	*12	*14	*16	,
Hexadecimal	*17	*19	*21	*23	03h					
Character	*18	*20	*22	*24						

■Parameters(*1,*2,*3,*4, *5, *6, *7,*8):RED

	256				2048			
Hexadecimal	30h	32h	35h	36h	32h	30h	34h	38h
Character	0	2	5	6	2	0	4	8

Parameters(*9,*10, *11, *12, *13,*14,*15,*16):GREEN

	0				2048			
Hexadecimal	30h	30h	30h	30h	32h	30h	34h	38h
Character	0	0	0	0	2	0	4	8

Parameters(*17, *18, *19,*20,*21,*22, *23, *24):BLUE

	0				2048			
Hexadecimal	30h	30h	30h	30h	32h	30h	34h	38h
Character	0	0	0	0	2	0	4	8

■Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	56h	4Dh	52h	3Ah	*1	*3	*5	*7	2Ch
Character		V	M	R	:	*2	*4	*6	*8	,
Hexadecimal	*9	*11	*13	*15	2Ch	*17	*19	*21	*23	03h
Character	*10	*12	*14	*16	,	*18	*20	*22	*24	

Acceptability

SECURITY	STANDBY	NO SIGNAL	SHUTTER	FREEZE / D-ZOOM	TEST PATTERN	REMOTE2	ECO STANDBY	P IN P	LENS HOME	INITIAL SETTING	SIGNAL LOCK
		✔	✔		✔	✔		✔			✔

2.93. COLOR MATCHING 3COLORS - GREEN [VMG]

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	56h	4Dh	47h	3Ah
Character		A	D	Z	Z	;	V	M	G	:
Hexadecimal	*1	*3	*5	*7	2Ch	*9	*11	*13	*15	2Ch
Character	*2	*4	*6	*8	,	*10	*12	*14	*16	,
Hexadecimal	*17	*19	*21	*23	03h					
Character	*18	*20	*22	*24						

■Parameters(*1,*2,*3,*4, *5, *6, *7,*8):RED

	0				2048			
Hexadecimal	30h	30h	30h	30h	32h	30h	34h	38h
Character	0	0	0	0	2	0	4	8

Parameters(*9,*10, *11, *12, *13,*14,*15,*16):GREEN

	256				2048			
Hexadecimal	30h	32h	35h	36h	32h	30h	34h	38h
Character	0	2	5	6	2	0	4	8

Parameters(*17, *18, *19,*20,*21,*22, *23, *24):BLUE

	0				2048			
Hexadecimal	30h	30h	30h	30h	32h	30h	34h	38h
Character	0	0	0	0	2	0	4	8

■Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	56h	4Dh	47h	3Ah	*1	*3	*5	*7	2Ch
Character		V	M	G	:	*2	*4	*6	*8	,
Hexadecimal	*9	*11	*13	*15	2Ch	*17	*19	*21	*23	03h
Character	*10	*12	*14	*16	,	*18	*20	*22	*24	

Acceptability

SECURITY	STANDBY	NO SIGNAL	SHUTTER	FREEZE / D-ZOOM	TEST PATTERN	REMOTE2	ECO STANDBY	P IN P	LENS HOME	INITIAL SETTING	SIGNAL LOCK

		✔	✔		✔	✔		✔			✔

2.94. COLOR MATCHING 3COLORS - BLUE [VMB]

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	56h	4Dh	42h	3Ah
Character		A	D	Z	Z	;	V	M	B	:
Hexadecimal	*1	*3	*5	*7	2Ch	*9	*11	*13	*15	2Ch
Character	*2	*4	*6	*8	,	*10	*12	*14	*16	,
Hexadecimal	*17	*19	*21	*23	03h					
Character	*18	*20	*22	*24						

■Parameters(*1,*2,*3,*4, *5, *6, *7,*8):RED

	0				2048			
Hexadecimal	30h	30h	30h	30h	32h	30h	34h	38h
Character	0	0	0	0	2	0	4	8

Parameters(*9,*10, *11, *12, *13,*14,*15,*16):GREEN

	0				2048			
Hexadecimal	30h	30h	30h	30h	32h	30h	34h	38h
Character	0	0	0	0	2	0	4	8

Parameters(*17, *18, *19,*20,*21,*22, *23, *24):BLUE

	256				2048			
Hexadecimal	30h	32h	35h	36h	32h	30h	34h	38h
Character	0	2	5	6	2	0	4	8

■Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	56h	4Dh	42h	3Ah	*1	*3	*5	*7	2Ch
Character		V	M	B	:	*2	*4	*6	*8	,
Hexadecimal	*9	*11	*13	*15	2Ch	*17	*19	*21	*23	03h
Character	*10	*12	*14	*16	,	*18	*20	*22	*24	

Acceptability

SECURITY	STANDBY	NO SIGNAL	SHUTTER	FREEZE / D-ZOOM	TEST PATTERN	REMOTE2	ECO STANDBY	P IN P	LENS HOME	INITIAL SETTING	SIGNAL LOCK
		✔	✔		✔	✔		✔			✔

2.95. COLOR MATCHING 3COLORS - WHITE [VMW]

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	56h	4Dh	57h	3Ah
Character		A	D	Z	Z	;	V	M	W	:
Hexadecimal	*1	*3	*5	*7	03h					
Character	*2	*4	*6	*8						

■Parameters(*1,*2,*3,*4,*5,*6,*7,*8)

	256				257			
Hexadecimal	30h	32h	35h	36h	30h	32h	35h	37h
Character	0	2	5	6	0	2	5	7
	2047				2048			
Hexadecimal	32h	30h	34h	37h	32h	30h	34h	38h
Character	2	0	4	7	2	0	4	8

■Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	56h	4Dh	57h	3Ah	*1	*3	*5	*7	03h
Character		V	M	W	:	*2	*4	*6	*8	

Acceptability

SECURITY	STANDBY	NO SIGNAL	SHUTTER	FREEZE / D-ZOOM	TEST PATTERN	REMOTE2	ECO STANDBY	P IN P	LENS HOME	INITIAL SETTING	SIGNAL LOCK
		✔	✔		✔	✔		✔			✔

2.96. COLOR MATCHING 3COLORS - AUTO TESTPATTERN [VXX:CATI0]

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	56h	58h	58h	3Ah
Character		A	D	Z	Z	;	V	X	X	:
Hexadecimal	43h	41h	54h	49h	30h	3Dh	2Bh	*1	*3	*5
Character	C	A	T	I	0	=	+	*2	*4	*6
Hexadecimal	*7	*9	03h							
Character	*8	*10								

■Parameters(*1,*2,*3,*4,*5,*6,*7,*8,*9,*10)

	OFF					ON				
Hexadecimal	30h	30h	30h	30h	30h	30h	30h	30h	30h	31h
Character	0	0	0	0	0	0	0	0	0	1

■Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	56h	58h	58h	3Ah	43h	41h	54h	49h	30h
Character		V	X	X	:	C	A	T	I	0
Hexadecimal	3Dh	2Bh	*1	*3	*5	*7	*9	03h		

Character	=	+	*2	*4	*6	*8	*10	

Acceptability

SECURITY	STANDBY	NO SIGNAL	SHUTTER	FREEZE / D-ZOOM	TEST PATTERN	REMOTE2	ECO STANDBY	P IN P	LENS HOME	INITIAL SETTING	SIGNAL LOCK
		✔	✔		✔	✔		✔			✔

2.97. COLOR MATCHING 7COLORS - RED [VXX:C7CS0]

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	56h	58h	58h	3Ah
Character		A	D	Z	Z	;	V	X	X	:
Hexadecimal	43h	37h	43h	53h	30h	3Dh	*1	*3	*5	*7
Character	C	7	C	S	0	=	*2	*4	*6	*8
Hexadecimal	2Ch	*9	*11	*13	*15	2Ch	*17	*19	*21	*23
Character	,	*10	*12	*14	*16	,	*18	*20	*22	*24
Hexadecimal	03h									
Character										

■Parameters(*1,*2,*3,*4, *5, *6, *7,*8):RED

	256				2048			
Hexadecimal	30h	32h	35h	36h	32h	30h	34h	38h
Character	0	2	5	6	2	0	4	8

Parameters(*9,*10, *11, *12, *13,*14,*15,*16):GREEN

	0				2048			
Hexadecimal	30h	30h	30h	30h	32h	30h	34h	38h
Character	0	0	0	0	2	0	4	8

Parameters(*17, *18, *19,*20,*21,*22, *23, *24):LUE

	0				2048			
Hexadecimal	30h	30h	30h	30h	32h	30h	34h	38h
Character	0	0	0	0	2	0	4	8

■Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	56h	58h	58h	3Ah	43h	37h	43h	53h	30h
Character		V	X	X	:	C	7	C	S	0
Hexadecimal	3Dh	*1	*3	*5	*7	2Ch	*9	*11	*13	*15
Character	=	*2	*4	*6	*8	,	*10	*12	*14	*16
Hexadecimal	2Ch	*17	*19	*21	*23	03h				
Character	,	*18	*20	*22	*24					

Acceptability

SECURITY	STANDBY	NO SIGNAL	SHUTTER	FREEZE / D-ZOOM	TEST PATTERN	REMOTE2	ECO STANDBY	P IN P	LENS HOME	INITIAL SETTING	SIGNAL LOCK
		✔	✔		✔	✔		✔			✔

2.98. COLOR MATCHING ㅏ 7COLORS - GREEN [VXX:C7CS1]

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	56h	58h	58h	3Ah
Character		A	D	Z	Z	;	V	X	X	:
Hexadecimal	43h	37h	43h	53h	31h	3Dh	*1	*3	*5	*7
Character	C	7	C	S	1	=	*2	*4	*6	*8
Hexadecimal	2Ch	*9	*11	*13	*15	2Ch	*17	*19	*21	*23
Character	,	*10	*12	*14	*16	,	*18	*20	*22	*24
Hexadecimal	03h									
Character										

■Parameters(*1,*2,*3,*4, *5, *6, *7,*8):RED

	0				2048			
Hexadecimal	30h	30h	30h	30h	32h	30h	34h	38h
Character	0	0	0	0	2	0	4	8

Parameters(*9,*10, *11, *12, *13,*14,*15,*16):GREEN

	256				2048			
Hexadecimal	30h	32h	35h	36h	32h	30h	34h	38h
Character	0	2	5	6	2	0	4	8

Parameters(*17, *18, *19,*20,*21,*22, *23, *24):BLUE

	0				2048			
Hexadecimal	30h	30h	30h	30h	32h	30h	34h	38h
Character	0	0	0	0	2	0	4	8

■Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	56h	58h	58h	3Ah	43h	37h	43h	53h	31h
Character		V	X	X	:	C	7	C	S	1
Hexadecimal	3Dh	*1	*3	*5	*7	2Ch	*9	*11	*13	*15
Character	=	*2	*4	*6	*8	,	*10	*12	*14	*16
Hexadecimal	2Ch	*17	*19	*21	*23	03h				

Character	,	*18	*20	*22	*24	

Acceptability

SECURITY	STANDBY	NO SIGNAL	SHUTTER	FREEZE / D-ZOOM	TEST PATTERN	REMOTE2	ECO STANDBY	P IN P	LENS HOME	INITIAL SETTING	SIGNAL LOCK
		✔	✔		✔	✔		✔			✔

2.99. COLOR MATCHING 7COLORS - BLUE [VXX:C7CS2]

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	56h	58h	58h	3Ah
Character		A	D	Z	Z	;	V	X	X	:
Hexadecimal	43h	37h	43h	53h	32h	3Dh	*1	*3	*5	*7
Character	C	7	C	S	2	=	*2	*4	*6	*8
Hexadecimal	2Ch	*9	*11	*13	*15	2Ch	*17	*19	*21	*23
Character	,	*10	*12	*14	*16	,	*18	*20	*22	*24
Hexadecimal	03h									
Character										

■Parameters(*1,*2,*3,*4, *5, *6, *7,*8):RED

	0				2048			
Hexadecimal	30h	30h	30h	30h	32h	30h	34h	38h
Character	0	0	0	0	2	0	4	8

Parameters(*9,*10, *11, *12, *13,*14,*15,*16):GREEN

	0				2048			
Hexadecimal	30h	32h	35h	36h	32h	30h	34h	38h
Character	0	2	5	6	2	0	4	8

Parameters(*17, *18, *19,*20,*21,*22, *23, *24):BLUE

	256				2048			
Hexadecimal	30h	32h	35h	36h	32h	30h	34h	38h
Character	0	2	5	6	2	0	4	8

■Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	56h	58h	58h	3Ah	43h	37h	43h	53h	32h
Character		V	X	X	:	C	7	C	S	2
Hexadecimal	3Dh	*1	*3	*5	*7	2Ch	*9	*11	*13	*15
Character	=	*2	*4	*6	*8	,	*10	*12	*14	*16
Hexadecimal	2Ch	*17	*19	*21	*23	03h				
Character	,	*18	*20	*22	*24					

Acceptability

SECURITY	STANDBY	NO SIGNAL	SHUTTER	FREEZE / D-ZOOM	TEST PATTERN	REMOTE2	ECO STANDBY	P IN P	LENS HOME	INITIAL SETTING	SIGNAL LOCK
		✔	✔		✔	✔		✔			✔

2.100. COLOR MATCHING 7COLORS - CYAN[VXX:C7CS3]

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	56h	58h	58h	3Ah
Character		A	D	Z	Z	;	V	X	X	:
Hexadecimal	43h	37h	43h	53h	33h	3Dh	*1	*3	*5	*7
Character	C	7	C	S	3	=	*2	*4	*6	*8
Hexadecimal	2Ch	*9	*11	*13	*15	2Ch	*17	*19	*21	*23
Character	,	*10	*12	*14	*16	,	*18	*20	*22	*24
Hexadecimal	03h									
Character										

■Parameters(*1,*2,*3,*4, *5, *6, *7,*8):RED

	0				2048			
Hexadecimal	30h	30h	30h	30h	32h	30h	34h	38h
Character	0	0	0	0	2	0	4	8

Parameters(*9,*10, *11, *12, *13,*14,*15,*16):GREEN

	256				2048			
Hexadecimal	30h	32h	35h	36h	32h	30h	34h	38h
Character	0	2	5	6	2	0	4	8

Parameters(*17, *18, *19,*20,*21,*22, *23, *24):BLUE

	256				2048			
Hexadecimal	30h	32h	35h	36h	32h	30h	34h	38h
Character	0	2	5	6	2	0	4	8

■Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	56h	58h	58h	3Ah	43h	37h	43h	53h	33h
Character		V	X	X	:	C	7	C	S	3
Hexadecimal	3Dh	*1	*3	*5	*7	2Ch	*9	*11	*13	*15
Character	=	*2	*4	*6	*8	,	*10	*12	*14	*16
Hexadecimal	2Ch	*17	*19	*21	*23	03h				
Character	,	*18	*20	*22	*24					

Acceptability

SECURITY	STANDBY	NO SIGNAL	SHUTTER	FREEZE / D-ZOOM	TEST PATTERN	REMOTE2	ECO STANDBY	P IN P	LENS HOME	INITIAL SETTING	SIGNAL LOCK
		✔	✔		✔	✔		✔			✔

2.101. COLOR MATCHING 7COLORS - MAGENTA[VXX:C7CS4]

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	56h	58h	58h	3Ah
Character		A	D	Z	Z	;	V	X	X	:
Hexadecimal	43h	37h	43h	53h	34h	3Dh	*1	*3	*5	*7
Character	C	7	C	S	4	=	*2	*4	*6	*8
Hexadecimal	2Ch	*9	*11	*13	*15	2Ch	*17	*19	*21	*23
Character	,	*10	*12	*14	*16	,	*18	*20	*22	*24
Hexadecimal	03h									
Character										

■Parameters(*1,*2,*3,*4, *5, *6, *7,*8):RED

	256				2048			
Hexadecimal	30h	32h	35h	36h	32h	30h	34h	38h
Character	0	2	5	6	2	0	4	8

Parameters(*9,*10, *11, *12, *13,*14,*15,*16):GREEN

	0				2048			
Hexadecimal	30h	30h	30h	30h	32h	30h	34h	38h
Character	0	0	0	0	2	0	4	8

Parameters(*17, *18, *19,*20,*21,*22, *23, *24):BLUE

	256				2048			
Hexadecimal	30h	32h	35h	36h	32h	30h	34h	38h
Character	0	2	5	6	2	0	4	8

■Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	56h	58h	58h	3Ah	43h	37h	43h	53h	34h
Character		V	X	X	:	C	7	C	S	4
Hexadecimal	3Dh	*1	*3	*5	*7	2Ch	*9	*11	*13	*15
Character	=	*2	*4	*6	*8	,	*10	*12	*14	*16
Hexadecimal	2Ch	*17	*19	*21	*23	03h				
Character	,	*18	*20	*22	*24					

Acceptability

SECURITY	STANDBY	NO SIGNAL	SHUTTER	FREEZE / D-ZOOM	TEST PATTERN	REMOTE2	ECO STANDBY	P IN P	LENS HOME	INITIAL SETTING	SIGNAL LOCK
		✔	✔		✔	✔		✔			✔

2.102. COLOR MATCHING 7COLORS - YELLOW[VXX:C7CS5]

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	56h	58h	58h	3Ah
Character		A	D	Z	Z	;	V	X	X	:
Hexadecimal	43h	37h	43h	53h	35h	3Dh	*1	*3	*5	*7
Character	C	7	C	S	5	=	*2	*4	*6	*8
Hexadecimal	2Ch	*9	*11	*13	*15	2Ch	*17	*19	*21	*23
Character	,	*10	*12	*14	*16	,	*18	*20	*22	*24
Hexadecimal	03h									
Character										

■Parameters(*1,*2,*3,*4, *5, *6, *7,*8):RED

	256				2048			
Hexadecimal	30h	32h	35h	36h	32h	30h	34h	38h
Character	0	2	5	6	2	0	4	8

Parameters(*9,*10, *11, *12, *13,*14,*15,*16):GREEN

	256				2048			
Hexadecimal	30h	32h	35h	36h	32h	30h	34h	38h
Character	0	2	5	6	2	0	4	8

Parameters(*17, *18, *19,*20,*21,*22, *23, *24):BLUE

	0				2048			
Hexadecimal	30h	30h	30h	30h	32h	30h	34h	38h
Character	0	0	0	0	2	0	4	8

■Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	56h	58h	58h	3Ah	43h	37h	43h	53h	35h
Character		V	X	X	:	C	7	C	S	5
Hexadecimal	3Dh	*1	*3	*5	*7	2Ch	*9	*11	*13	*15
Character	=	*2	*4	*6	*8	,	*10	*12	*14	*16
Hexadecimal	2Ch	*17	*19	*21	*23	03h				
Character	,	*18	*20	*22	*24					

Acceptability

SECURITY	STANDBY	NO SIGNAL	SHUTTER	FREEZE / D-ZOOM	TEST PATTERN	REMOTE2	ECO STANDBY	P IN P	LENS HOME	INITIAL SETTING	SIGNAL LOCK
		✔	✔		✔	✔		✔			✔

2.103. COLOR MATCHING 7COLORS - WHITE[VXX:C7CS6]

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	56h	58h	58h	3Ah
Character		A	D	Z	Z	;	V	X	X	:
Hexadecimal	43h	37h	43h	53h	36h	3Dh	*1	*3	*5	*7
Character	C	7	C	S	6	=	*2	*4	*6	*8
Hexadecimal	2Ch	*9	*11	*13	*15	2Ch	*17	*19	*21	*23
Character	,	*10	*12	*14	*16	,	*18	*20	*22	*24
Hexadecimal	03h									
Character										

■Parameters(*1,*2,*3,*4, *5, *6, *7,*8):RED

	256				2048			
Hexadecimal	30h	32h	35h	36h	32h	30h	34h	38h
Character	0	2	5	6	2	0	4	8

Parameters(*9,*10, *11, *12, *13,*14,*15,*16):GREEN

	256				2048			
Hexadecimal	30h	32h	35h	36h	32h	30h	34h	38h
Character	0	2	5	6	2	0	4	8

Parameters(*17, *18, *19,*20,*21,*22, *23, *24):BLUE

	256				2048			
Hexadecimal	30h	32h	35h	36h	32h	30h	34h	38h
Character	0	2	5	6	2	0	4	8

■Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	56h	58h	58h	3Ah	43h	37h	43h	53h	36h
Character		V	X	X	:	C	7	C	S	6
Hexadecimal	3Dh	*1	*3	*5	*7	2Ch	*9	*11	*13	*15
Character	=	*2	*4	*6	*8	,	*10	*12	*14	*16
Hexadecimal	2Ch	*17	*19	*21	*23	03h				
Character	,	*18	*20	*22	*24					

Acceptability

SECURITY	STANDBY	NO SIGNAL	SHUTTER	FREEZE / D-ZOOM	TEST PATTERN	REMOTE2	ECO STANDBY	P IN P	LENS HOME	INITIAL SETTING	SIGNAL LOCK
		✔	✔		✔	✔		✔			✔

2.104. COLOR MATCHING 7COLORS - AUTO TESTPATTERN[VXX:CATI1]

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	56h	58h	58h	3Ah
Character		A	D	Z	Z	;	V	X	X	:
Hexadecimal	43h	41h	54h	49h	31h	3Dh	2Bh	*1	*3	*5
Character	C	A	T	I	1	=	+	*2	*4	*6
Hexadecimal	*7	*9	03h							
Character	*8	*10								

■Parameters(*1,*2,*3,*4,*5,*6,*7,*8,*9,*10)

	OFF					ON				
Hexadecimal	30h	30h	30h	30h	30h	30h	30h	30h	30h	31h
Character	0	0	0	0	0	0	0	0	0	1

■Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	56h	58h	58h	3Ah	43h	41h	54h	49h	31h
Character		V	X	X	:	C	A	T	I	1
Hexadecimal	3Dh	2Bh	*1	*3	*5	*7	*9	03h		
Character	=	+	*2	*4	*6	*8	*10			

Acceptability

SECURITY	STANDBY	NO SIGNAL	SHUTTER	FREEZE / D-ZOOM	TEST PATTERN	REMOTE2	ECO STANDBY	P IN P	LENS HOME	INITIAL SETTING	SIGNAL LOCK
		✔	✔		✔	✔		✔			✔

2.105. COLOR CORRECTION [VCM]

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	56h	43h	4Dh	3Ah	*1	03h
Character		A	D	Z	Z	;	V	C	M	:	*2	

■Parameters(*1,*2)

	OFF	USER
Hexadecimal	30h	31h

Character	0	1

■Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	56h	43h	4Dh	3Ah	*1	03h
Character		V	C	M	:	*2	

Acceptability

SECURITY	STANDBY	NO SIGNAL	SHUTTER	FREEZE / D-ZOOM	TEST PATTERN	REMOTE2	ECO STANDBY	P IN P	LENS HOME	INITIAL SETTING	SIGNAL LOCK
		✔	✔		✔	✔		✔			✔

2.106. COLOR CORRECTION - RED[VXX:CCRI0]

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	56h	58h	58h	3Ah	43h	43h
Character		A	D	Z	Z	;	V	X	X	:	C	C
Hexadecimal	52	49h	30h	3Dh	*1	*3	*5	*7	*9	*11	03h	
Character	R	I	0	=	*2	*4	*6	*8	*10	*12		

■Parameters(*1,*2,*3,*4,*5,*6,*7,*8,*9,*10,*11,*12)

	-31						-30					
Hexadecimal	2Dh	30h	30h	30h	33h	31h	2Dh	30h	30h	30h	33h	30h
Character	-	0	0	0	3	1	-	0	0	0	3	0
	30						31					
Hexadecimal	2Bh	30h	30h	30h	33h	30h	2Bh	30h	30h	30h	33h	31h
Character	+	0	0	0	3	0	+	0	0	0	3	1

■Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	56h	58h	58h	3Ah	43h	43h	52h	49h	30h
Character		V	X	X	:	C	C	R	I	0
Hexadecimal	3Dh	*1	*3	*5	*7	*9	*11	03h		
Character	=	*2	*4	*6	*8	*10	*12			

Acceptability

SECURITY	STANDBY	NO SIGNAL	SHUTTER	FREEZE / D-ZOOM	TEST PATTERN	REMOTE2	ECO STANDBY	P IN P	LENS HOME	INITIAL SETTING	SIGNAL LOCK
		✔	✔		✔	✔		✔			✔

2.107. COLOR CORRECTION - GREEN[VXX:CCRI1]

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	56h	58h	58h	3Ah	43h	43h
Character		A	D	Z	Z	;	V	X	X	:	C	C
Hexadecimal	52	49h	30h	3Dh	*1	*3	*5	*7	*9	*11	03h	
Character	R	I	1	=	*2	*4	*6	*8	*10	*12		

■Parameters(*1,*2,*3,*4,*5,*6,*7,*8,*9,*10,*11,*12)

	-31						-30					
Hexadecimal	2Dh	30h	30h	30h	33h	31h	2Dh	30h	30h	30h	33h	30h
Character	-	0	0	0	3	1	-	0	0	0	3	0
	30						31					
Hexadecimal	2Bh	30h	30h	30h	33h	30h	2Bh	30h	30h	30h	33h	31h
Character	+	0	0	0	3	0	+	0	0	0	3	1

■Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	56h	58h	58h	3Ah	43h	43h	52h	49h	31h
Character		V	X	X	:	C	C	R	I	1
Hexadecimal	3Dh	*1	*3	*5	*7	*9	*11	03h		
Character	=	*2	*4	*6	*8	*10	*12			

Acceptability

SECURITY	STANDBY	NO SIGNAL	SHUTTER	FREEZE / D-ZOOM	TEST PATTERN	REMOTE2	ECO STANDBY	P IN P	LENS HOME	INITIAL SETTING	SIGNAL LOCK
		✔	✔		✔	✔		✔			✔

2.108. COLOR CORRECTION - BLUE[VXX:CCRI2]

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	56h	58h	58h	3Ah	43h	43h
Character		A	D	Z	Z	;	V	X	X	:	C	C
Hexadecimal	52	49h	32h	3Dh	*1	*3	*5	*7	*9	*11	03h	
Character	R	I	2	=	*2	*4	*6	*8	*10	*12		

■Parameters(*1,*2,*3,*4,*5,*6,*7,*8,*9,*10,*11,*12)

	-31						-30					
Hexadecimal	2Dh	30h	30h	30h	33h	31h	2Dh	30h	30h	30h	33h	30h
Character	-	0	0	0	3	1	-	0	0	0	3	0
	30						31					
Hexadecimal	2Bh	30h	30h	30h	33h	30h	2Bh	30h	30h	30h	33h	31h
Character	+	0	0	0	3	0	+	0	0	0	3	1

■Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	56h	58h	58h	3Ah	43h	43h	52h	49h	32h
Character		V	X	X	:	C	C	R	I	2
Hexadecimal	3Dh	*1	*3	*5	*7	*9	*11	03h		
Character	=	*2	*4	*6	*8	*10	*12			

Acceptability

SECURITY	STANDBY	NO SIGNAL	SHUTTER	FREEZE / D-ZOOM	TEST PATTERN	REMOTE2	ECO STANDBY	P IN P	LENS HOME	INITIAL SETTING	SIGNAL LOCK
		✔	✔		✔	✔		✔			✔

2.109. COLOR CORRECTION - CYAN[VXX:CCRI3]

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	56h	58h	58h	3Ah	43h	43h
Character		A	D	Z	Z	;	V	X	X	:	C	C
Hexadecimal	52	49h	33h	3Dh	*1	*3	*5	*7	*9	*11	03h	
Character	R	I	3	=	*2	*4	*6	*8	*10	*12		

■Parameters(*1,*2,*3,*4,*5,*6,*7,*8,*9,*10,*11,*12)

	-31						-30					
Hexadecimal	2Dh	30h	30h	30h	33h	31h	2Dh	30h	30h	30h	33h	30h
Character	-	0	0	0	3	1	-	0	0	0	3	0
	30						31					
Hexadecimal	2Bh	30h	30h	30h	33h	30h	2Bh	30h	30h	30h	33h	31h
Character	+	0	0	0	3	0	+	0	0	0	3	1

■Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	56h	58h	58h	3Ah	43h	43h	52h	49h	33h
Character		V	X	X	:	C	C	R	I	3
Hexadecimal	3Dh	*1	*3	*5	*7	*9	*11	03h		
Character	=	*2	*4	*6	*8	*10	*12			

Acceptability

SECURITY	STANDBY	NO SIGNAL	SHUTTER	FREEZE / D-ZOOM	TEST PATTERN	REMOTE2	ECO STANDBY	P IN P	LENS HOME	INITIAL SETTING	SIGNAL LOCK
		✔	✔		✔	✔		✔			✔

2.110. COLOR CORRECTION - MAGENTA[VXX:CCRI4]

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	56h	58h	58h	3Ah	43h	43h
Character		A	D	Z	Z	;	V	X	X	:	C	C
Hexadecimal	52	49h	34h	3Dh	*1	*3	*5	*7	*9	*11	03h	
Character	R	I	4	=	*2	*4	*6	*8	*10	*12		

■Parameters(*1,*2,*3,*4,*5,*6,*7,*8,*9,*10,*11,*12)

	-31						-30					
Hexadecimal	2Dh	30h	30h	30h	33h	31h	2Dh	30h	30h	30h	33h	30h
Character	-	0	0	0	3	1	-	0	0	0	3	0
	30						31					
Hexadecimal	2Bh	30h	30h	30h	33h	30h	2Bh	30h	30h	30h	33h	31h
Character	+	0	0	0	3	0	+	0	0	0	3	1

■Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	56h	58h	58h	3Ah	43h	43h	52h	49h	34h
Character		V	X	X	:	C	C	R	I	4
Hexadecimal	3Dh	*1	*3	*5	*7	*9	*11	03h		
Character	=	*2	*4	*6	*8	*10	*12			

Acceptability

SECURITY	STANDBY	NO SIGNAL	SHUTTER	FREEZE / D-ZOOM	TEST PATTERN	REMOTE2	ECO STANDBY	P IN P	LENS HOME	INITIAL SETTING	SIGNAL LOCK
		✔	✔		✔	✔		✔			✔

2.111. COLOR CORRECTION - YELLOW[VXX:CCRI5]

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	56h	58h	58h	3Ah	43h	43h
Character		A	D	Z	Z	;	V	X	X	:	C	C
Hexadecimal	52	49h	35h	3Dh	*1	*3	*5	*7	*9	*11	03h	
Character	R	I	5	=	*2	*4	*6	*8	*10	*12		

■Parameters(*1,*2,*3,*4,*5,*6,*7,*8,*9,*10,*11,*12)

	-31						-30					
Hexadecimal	2Dh	30h	30h	30h	33h	31h	2Dh	30h	30h	30h	33h	30h
Character	-	0	0	0	3	1	-	0	0	0	3	0
	30						31					
Hexadecimal	2Bh	30h	30h	30h	33h	30h	2Bh	30h	30h	30h	33h	31h
Character	+	0	0	0	3	0	+	0	0	0	3	1

■Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	56h	58h	58h	3Ah	43h	43h	52h	49h	35h
Character		V	X	X	:	C	C	R	I	5
Hexadecimal	3Dh	*1	*3	*5	*7	*9	*11	03h		
Character	=	*2	*4	*6	*8	*10	*12			

Acceptability

SECURITY	STANDBY	NO SIGNAL	SHUTTER	FREEZE / D-ZOOM	TEST PATTERN	REMOTE2	ECO STANDBY	P IN P	LENS HOME	INITIAL SETTING	SIGNAL LOCK
		✔	✔		✔	✔		✔			✔

2.112. SCREEN FORMAT[VSF]

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	56h	53h	46h	3Ah	*1	03h
Character		A	D	Z	Z	;	V	S	F	:	*2	

■Parameters(*1,*2)

	16:10 ※1	16:9	4:3 ※2
Hexadecimal	30h	31h	32h
Character	0	1	2

※1: It returns ER401 if sending to Model XGA.
※2 : It returns ER401 if sending to Model WXGA.

■Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	56h	5h	46h	3Ah	*1	03h
Character		V	S	F	:	*2	

Acceptability

SECURITY	STANDBY	NO SIGNAL	SHUTTER	FREEZE / D-ZOOM	TEST PATTERN	REMOTE2	ECO STANDBY	P IN P	LENS HOME	INITIAL SETTING	SIGNAL LOCK
		✔	✔		✔	✔		✔			✔

2.113. SCREEN POSITION - VERTICAL [VXX:VSPI0]

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	56h	58h	58h	3Ah
Character		A	D	Z	Z	;	V	X	X	:
Hexadecimal	56h	53h	50h	49h	30h	3Dh	*1	*3	*5	*7
Character	V	S	P	I	0	=	*2	*4	*6	*8
Hexadecimal	*9	*11	03h							
Character	*10	*12								

■Parameters(*1,*2,*3,*4,*5,*6,*7,*8,*9,*10,*11,*12)

Model WUXGA SCREEN FORMAT is 16:9

	-60						-59					
Hexadecimal	2Dh	30h	30h	30h	36h	30h	2Dh	30h	30h	30h	35h	39h
Character	-	0	0	0	6	0	-	0	0	0	5	9
	59						60					
Hexadecimal	2Bh	30h	30h	30h	35h	39h	2Bh	30h	30h	30h	36h	30h
Character	+	0	0	0	5	9	+	0	0	0	6	0

Model WXGA SCREEN FORMAT is 16:9

	-40						-39					
Hexadecimal	2Dh	30h	30h	30h	34h	30h	2Dh	30h	30h	30h	33h	39h
Character	-	0	0	0	4	0	-	0	0	0	3	9
	39						40					
Hexadecimal	2Bh	30h	30h	30h	33h	39h	2Bh	30h	30h	30h	34h	30h
Character	+	0	0	0	3	9	+	0	0	0	4	0

Model XGA SCREEN FORMAT is 16:9

	-96						-95					
Hexadecimal	2Dh	30h	30h	30h	39h	36h	2Dh	30h	30h	30h	39h	35h
Character	-	0	0	0	9	6	-	0	0	0	9	5
	95						96					
Hexadecimal	2Bh	30h	30h	30h	39h	35h	2Bh	30h	30h	30h	39h	36h
Character	+	0	0	0	9	5	+	0	0	0	9	6

■Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	56h	58h	58h	3Ah	56h	53h	50h	49h	30h
Character		V	X	X	:	V	S	P	I	0
Hexadecimal	3Dh	*1	*3	*5	*7	*9	*11	03h		
Character	=	*2	*4	*6	*8	*10	*12			

Acceptability

SECURITY	STANDBY	NO SIGNAL	SHUTTER	FREEZE / D-ZOOM	TEST PATTERN	REMOTE2	ECO STANDBY	P IN P	LENS HOME	INITIAL SETTING	SIGNAL LOCK
		✔	✔		✔	✔		✔			✔

■Notes:

・Model WUXGA If SCREEN FORMAT is 4:3 or 16:10, it returns ER401.
・Model WXGA If SCREEN FORMAT is 4:3 or 16:10, it returns ER401.

・Model XGA If SCREEN FORMAT is 4:3 or 16:10, it returns ER401.

2.114. SCREEN POSITION - HORIZONTAL [VXX:HSPI0]

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	56h	58h	58h	3Ah
Character		A	D	Z	Z	;	V	X	X	:
Hexadecimal	48h	53h	50h	49h	30h	3Dh	*1	*3	*5	*7
Character	H	S	P	I	0	=	*2	*4	*6	*8
Hexadecimal	*9	*11	03h							
Character	*10	*12								

■Parameters(*1,*2,*3,*4,*5,*6,*7,*8,*9,*10,*11,*12)

Model WUXGA SCREEN FORMAT is 4:3

	-160						-159					
Hexadecimal	2Dh	30h	30h	31h	36h	30h	2Dh	30h	30h	31h	35h	39h
Character	-	0	0	1	6	0	-	0	0	1	5	9
	159						160					
Hexadecimal	2Bh	30h	30h	31h	35h	39h	2Bh	30h	30h	31h	36h	30h
Character	+	0	0	1	5	9	+	0	0	1	6	0

■Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	56h	58h	58h	3Ah	48h	53h	50h	49h	30h
Character		V	X	X	:	H	S	P	I	0
Hexadecimal	3Dh	*1	*3	*5	*7	*9	*11	03h		
Character	=	*2	*4	*6	*8	*10	*12			

Acceptability

SECURITY	STANDBY	NO SIGNAL	SHUTTER	FREEZE / D-ZOOM	TEST PATTERN	REMOTE2	ECO STANDBY	P IN P	LENS HOME	INITIAL SETTING	SIGNAL LOCK
		✔	✔		✔	✔		✔			✔

■Notes:

・It returns ER401 except Model WUXGA

・Model WUXGA If SCREEN FORMAT is 16:9 or 16:10, it returns ER401.

2.115. AUTO INPUT SETUP [VXX:AASI0]

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	56h	58h	58h	3Ah
Character		A	D	Z	Z	;	V	X	X	:
Hexadecimal	41h	41h	53h	49h	30h	3Dh	2Bh	*1	*3	*5
Character	A	A	S	I	0	=	+	*2	*4	*6
Hexadecimal	*7	*9	03h							
Character	*8	*10								

■Parameters(*1,*2,*3,*4,*5,*6,*7,*8,*9,*10)

	OFF					ON				
Hexadecimal	30h	30h	30h	30h	30h	30h	30h	30h	30h	31h
Character	0	0	0	0	0	0	0	0	0	1

■Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	56h	58h	58h	3Ah	41h	41h	53h	49h	30h
Character		V	X	X	:	A	A	S	I	0
Hexadecimal	3Dh	2Bh	*1	*3	*5	*7	*9	03h		
Character	=	+	*2	*4	*6	*8	*10			

Acceptability

SECURITY	STANDBY	NO SIGNAL	SHUTTER	FREEZE / D-ZOOM	TEST PATTERN	REMOTE2	ECO STANDBY	P IN P	LENS HOME	INITIAL SETTING	SIGNAL LOCK
		✔	✔		✔	✔		✔			✔

2.116. AUTO SETUP – MODE [OAM]

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	4Fh	41h	4Dh	3Ah	*1	03h
Character		A	D	Z	Z	;	O	A	M	:	*2	

■Parameters(*1,*2)

	USER	NORMAL	WIDE
Hexadecimal	30h	31h	32h
Character	0	1	2

■Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	4Fh	41h	4Dh	3Ah	*1	03h
Character		O	A	M	:	*2	

Acceptability

SECURITY	STANDBY	NO SIGNAL	SHUTTER	FREEZE / D-ZOOM	TEST PATTERN	REMOTE2	ECO STANDBY	P IN P	LENS HOME	INITIAL SETTING	SIGNAL LOCK
	✔	✔	✔	✔	✔	✔		✔			✔

2.117. AUTO SETUP - DISPLAY DOTS[OAD]

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	4Fh	41h	44h	3Ah
Character		A	D	Z	Z	;	O	A	D	:
Hexadecimal	*1	*3	*5	*7	03h					
Character	*2	*4	*6	*8						

■Parameters(*1,*2,*3,*4,*5,*6,*7,*8)

	300				301			
Hexadecimal	30h	33h	30h	30h	30h	33h	30h	31h
Character	0	3	0	0	0	3	0	1
	4064				4065			
Hexadecimal	34h	30h	36h	34h	34h	30h	36h	35h
Character	4	0	6	4	4	0	6	5

■Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	4Fh	41h	44h	3Ah	*1	*3	*5	*7	03h
Character		O	A	D	:	*2	*4	*6	*8	

Acceptability

SECURITY	STANDBY	NO SIGNAL	SHUTTER	FREEZE / D-ZOOM	TEST PATTERN	REMOTE2	ECO STANDBY	P IN P	LENS HOME	INITIAL SETTING	SIGNAL LOCK
			✔	✔	✔	✔		✔			

■Notes:

・The muxmum value is varied depending on the input signal and Total dots.

2.118. AUTO SETUP - POSITION ADJUST [VXX:APAI0]

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	56h	58h	58h	3Ah
Character		A	D	Z	Z	;	V	X	X	:
Hexadecimal	41h	50h	41h	49h	30h	3Dh	2Bh	*1	*3	*5
Character	A	P	A	I	0	=	+	*2	*4	*6
Hexadecimal	*7	*9	03h							
Character	*8	*10								

■Parameters(*1,*2,*3,*4,*5,*6,*7,*8,*9,*10)

	OFF					ON				
Hexadecimal	30h	30h	30h	30h	30h	30h	30h	30h	30h	31h
Character	0	0	0	0	0	0	0	0	0	1

■Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	56h	58h	58h	3Ah	41h	50h	41h	49h	30h
Character		V	X	X	:	A	P	A	I	0
Hexadecimal	3Dh	2Bh	*1	*3	*5	*7	*9	03h		
Character	=	+	*2	*4	*6	*8	*10			

Acceptability

SECURITY	STANDBY	NO SIGNAL	SHUTTER	FREEZE / D-ZOOM	TEST PATTERN	REMOTE2	ECO STANDBY	P IN P	LENS HOME	INITIAL SETTING	SIGNAL LOCK
	✔	✔	✔	✔	✔	✔		✔			✔

2.119. AUTO SETUP - SIGNAL LEVEL ADJUST [VXX:ASLI0]

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	56h	58h	58h	3Ah
Character		A	D	Z	Z	;	V	X	X	:
Hexadecimal	41h	53h	4Ch	49h	30h	3Dh	2Bh	*1	*3	*5
Character	A	S	L	I	0	=	+	*2	*4	*6
Hexadecimal	*7	*9	03h							
Character	*8	*10								

■Parameters(*1,*2,*3,*4,*5,*6,*7,*8,*9,*10)

	OFF					ON				
Hexadecimal	30h	30h	30h	30h	30h	30h	30h	30h	30h	31h
Character	0	0	0	0	0	0	0	0	0	1

■Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	56h	58h	58h	3Ah	41h	53h	4Ch	49h	30h
Character		V	X	X	:	A	S	L	I	0
Hexadecimal	3Dh	2Bh	*1	*3	*5	*7	*9	03h		
Character	=	+	*2	*4	*6	*8	*10			

Acceptability

SECURITY	STANDBY	NO SIGNAL	SHUTTER	FREEZE / D-ZOOM	TEST PATTERN	REMOTE2	ECO STANDBY	P IN P	LENS HOME	INITIAL SETTING	SIGNAL LOCK
	✔	✔	✔	✔	✔	✔		✔			✔

2.120. RGB IN - RGB1 SYNC SLICE LEVEL [VXX:STRI0]

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	56h	58h	58h	3Ah
Character		A	D	Z	Z	;	V	X	X	:
Hexadecimal	53h	54h	52h	49h	30h	3Dh	2Bh	*1	*3	*5
Character	S	T	R	I	0	=	+	*2	*4	*6
Hexadecimal	*7	*9	03h							
Character	*8	*10								

■Parameters(*1,*2,*3,*4,*5,*6,*7,*8,*9,*10)

	LOW					HIGH				
Hexadecimal	30h	30h	30h	30h	30h	30h	30h	30h	30h	31h
Character	0	0	0	0	0	0	0	0	0	1

■Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	56h	58h	58h	3Ah	53h	54h	52h	49h	30h
Character		V	X	X	:	S	T	R	I	0
Hexadecimal	3Dh	2Bh	*1	*3	*5	*7	*9	03h		
Character	=	+	*2	*4	*6	*8	*10			

Acceptability

SECURITY	STANDBY	NO SIGNAL	SHUTTER	FREEZE / D-ZOOM	TEST PATTERN	REMOTE2	ECO STANDBY	P IN P	LENS HOME	INITIAL SETTING	SIGNAL LOCK
	✔	✔	✔	✔	✔	✔		✔			✔

2.121. RGB IN – RGB2 SYNC SLICE LEVEL [VXX:STRI1]

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	56h	58h	58h	3Ah
Character		A	D	Z	Z	;	V	X	X	:
Hexadecimal	53h	54h	52h	49h	31h	3Dh	2Bh	*1	*3	*5
Character	S	T	R	I	1	=	+	*2	*4	*6
Hexadecimal	*7	*9	03h							
Character	*8	*10								

■Parameters(*1,*2,*3,*4,*5,*6,*7,*8,*9,*10)

	LOW					HIGH				
Hexadecimal	30h	30h	30h	30h	30h	30h	30h	30h	30h	31h
Character	0	0	0	0	0	0	0	0	0	1

■Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	56h	58h	58h	3Ah	53h	54h	52h	49h	31h
Character		V	X	X	:	S	T	R	I	1
Hexadecimal	3Dh	2Bh	*1	*3	*5	*7	*9	03h		
Character	=	+	*2	*4	*6	*8	*10			

Acceptability

SECURITY	STANDBY	NO SIGNAL	SHUTTER	FREEZE / D-ZOOM	TEST PATTERN	REMOTE2	ECO STANDBY	P IN P	LENS HOME	INITIAL SETTING	SIGNAL LOCK
	✔	✔	✔	✔	✔	✔		✔			✔

2.122. RGB2 INPUT SETTING [VXX:RYCI2]

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	56h	58h	58h	3Ah
Character		A	D	Z	Z	;	V	X	X	:
Hexadecimal	52h	59h	43h	49h	32h	3Dh	2Bh	*1	*3	*5
Character	R	Y	C	I	2	=	+	*2	*4	*6
Hexadecimal	*7	*9	03h							
Character	*8	*10								

■Parameters(*1,*2,*3,*4,*5,*6,*7,*8,*9,*10)

	RGB/YPBPR					Y/C				
Hexadecimal	30h	30h	30h	30h	30h	30h	30h	30h	30h	31h
Character	0	0	0	0	0	0	0	0	0	1

	VIDEO				
Hexadecimal	30h	30h	30h	30h	32h
Character	0	0	0	0	2

■Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	56h	58h	58h	3Ah	52h	59h	43h	49h	32h
Character		V	X	X	:	R	Y	C	I	2
Hexadecimal	3Dh	2Bh	*1	*3	*5	*7	*9	03h		
Character	=	+	*2	*4	*6	*8	*10			

Acceptability

SECURITY	STANDBY	NO SIGNAL	SHUTTER	FREEZE / D-ZOOM	TEST PATTERN	REMOTE2	ECO STANDBY	P IN P	LENS HOME	INITIAL SETTING	SIGNAL LOCK
	✔	✔	✔	✔	✔	✔		✔			✔

2.123. DVI EDID[OED]

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	4Fh	45h	44h	3Ah	*1	03h
Character		A	D	Z	Z	;	O	E	D	:	*2	

■Parameters(*1,*2)

	EDID1	EDID2:PC	EDID3
Hexadecimal	31h	32h	33h
Character	1	2	3

■Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	4Fh	45h	44h	3Ah	*1	03h
Character		O	E	D	:	*2	

Acceptability

SECURITY	STANDBY	NO SIGNAL	SHUTTER	FREEZE / D-ZOOM	TEST PATTERN	REMOTE2	ECO STANDBY	P IN P	LENS HOME	INITIAL SETTING	SIGNAL LOCK
	✔	✔	✔		✔	✔		✔			✔

2.124. DVI SIGNAL LEVEL [VXX:DVII0]

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	56h	58h	58h	3Ah
Character		A	D	Z	Z	;	V	X	X	:
Hexadecimal	44h	56h	49h	49h	30h	3Dh	2Bh	*1	*3	*5
Character	D	V	I	I	0	=	+	*2	*4	*6
Hexadecimal	*7	*9	03h							
Character	*8	*10								

■Parameters(*1,*2,*3,*4,*5,*6,*7,*8,*9,*10)

	0-255:PC					16-235					AUTO				
Hexadecimal	30h	30h	30h	30h	30h	30h	30h	30h	30h	31h	30h	30h	30h	30h	32h
Character	0	0	0	0	0	0	0	0	0	1	0	0	0	0	2

■Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	56h	58h	58h	3Ah	44h	56h	49h	49h	30h
Character		V	X	X	:	D	V	I	I	0
Hexadecimal	3Dh	2Bh	*1	*3	*5	*7	*9	03h		
Character	=	+	*2	*4	*6	*8	*10			

Acceptability

SECURITY	STANDBY	NO SIGNAL	SHUTTER	FREEZE / D-ZOOM	TEST PATTERN	REMOTE2	ECO STANDBY	P IN P	LENS HOME	INITIAL SETTING	SIGNAL LOCK
		✔	✔		✔	✔		✔			✔

2.125. HDMI SIGNAL LEVEL[VXX:HSLI0]

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	56h	58h	58h	3Ah
Character		A	D	Z	Z	;	V	X	X	:
Hexadecimal	48h	53h	4Ch	49h	30h	3Dh	2Bh	*1	*3	*5
Character	H	S	L	I	0	=	+	*2	*4	*6
Hexadecimal	*7	*9	03h							
Character	*8	*10								

■Parameters(*1,*2,*3,*4,*5,*6,*7,*8,*9,*10)

	0-1023					64-940					AUTO				
Hexadecimal	30h	30h	30h	30h	30h	30h	30h	30h	30h	31h	30h	30h	30h	30h	32h
Character	0	0	0	0	0	0	0	0	0	1	0	0	0	0	2

■Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	56h	58h	58h	3Ah	48h	53h	4Ch	49h	30h
Character		V	X	X	:	H	S	L	I	0
Hexadecimal	3Dh	2Bh	*1	*3	*5	*7	*9	03h		
Character	=	+	*2	*4	*6	*8	*10			

Acceptability

SECURITY	STANDBY	NO SIGNAL	SHUTTER	FREEZE / D-ZOOM	TEST PATTERN	REMOTE2	ECO STANDBY	P IN P	LENS HOME	INITIAL SETTING	SIGNAL LOCK
		✔	✔		✔	✔		✔			✔

2.126. DIGITAL LINK SIGNAL LEVEL [VXX:DKLI1]

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	56h	58h	58h	3Ah
Character		A	D	Z	Z	;	V	X	X	:
Hexadecimal	44h	4Bh	4Ch	49h	31h	3Dh	2Bh	*1	*3	*5
Character	D	K	L	I	1	=	+	*2	*4	*6
Hexadecimal	*7	*9	03h							

Character	*8	*10	

■Parameters(*1,*2,*3,*4,*5,*6,*7,*8,*9,*10)

	AUTO					0-1023					64-940				
Hexadecimal	30h	30h	30h	30h	30h	30h	30h	30h	30h	31h	30h	30h	30h	30h	32h
Character	0	0	0	0	0	0	0	0	0	1	0	0	0	0	2

■Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	56h	58h	58h	3Ah	44h	4Bh	4Ch	49h	31h
Character		V	X	X	:	D	K	L	I	1
Hexadecimal	3Dh	2Bh	*1	*3	*5	*7	*9	03h		
Character	=	+	*2	*4	*6	*8	*10			

Acceptability

SECURITY	STANDBY	NO SIGNAL	SHUTTER	FREEZE / D-ZOOM	TEST PATTERN	REMOTE2	ECO STANDBY	P IN P	LENS HOME	INITIAL SETTING	SIGNAL LOCK
		✔	✔		✔	✔		✔			✔

2.127. DisplayPort SIGNAL LEVEL [VXX:DPLI1]

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	56h	58h	58h	3Ah
Character		A	D	Z	Z	;	V	X	X	:
Hexadecimal	44h	50h	4Ch	49h	31h	3Dh	2Bh	*1	*3	*5
Character	D	P	L	I	1	=	+	*2	*4	*6
Hexadecimal	*7	*9	03h							
Character	*8	*10								

■Parameters(*1,*2,*3,*4,*5,*6,*7,*8,*9,*10)

	AUTO					0-1023					64-940				
Hexadecimal	30h	30h	30h	30h	30h	30h	30h	30h	30h	31h	30h	30h	30h	30h	32h
Character	0	0	0	0	0	0	0	0	0	1	0	0	0	0	2

■Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	56h	58h	58h	3Ah	44h	50h	4Ch	49h	31h
Character		V	X	X	:	D	P	L	I	1
Hexadecimal	3Dh	2Bh	*1	*3	*5	*7	*9	03h		
Character	=	+	*2	*4	*6	*8	*10			

Acceptability

SECURITY	STANDBY	NO SIGNAL	SHUTTER	FREEZE / D-ZOOM	TEST PATTERN	REMOTE2	ECO STANDBY	P IN P	LENS HOME	INITIAL SETTING	SIGNAL LOCK
		✔	✔		✔	✔		✔			✔

■Notes:

・Effective Only for Model Group A and C.

2.128. OSD POSITION [ODP]

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	4Fh	44h	50h	3Ah	*1	03h
Character		A	D	Z	Z	;	O	D	P	:	*2	

■Parameters(*1,*2)

	TOP LEFT	MIDDLE LEFT	BOTTOM LEFT	TOP CENTER	CENTER	BOTTOM CENTER
Hexadecimal	31h	32h	33h	34h	35h	36h
Character	1	2	3	4	5	6
	TOP RIGHT	MIDDLE RIGHT	BOTTOM RIGHT			
Hexadecimal	37h	38h	39h			
Character	7	8	9			

■Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	4Fh	44h	50h	3Ah	*1	03h
Character		O	D	P	:	*2	

Acceptability

SECURITY	STANDBY	NO SIGNAL	SHUTTER	FREEZE / D-ZOOM	TEST PATTERN	REMOTE2	ECO STANDBY	P IN P	LENS HOME	INITIAL SETTING	SIGNAL LOCK
	✔	✔	✔	✔	✔	✔		✔			✔

2.129. OSD DESIGN [MOD]

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	4Dh	4Fh	44h	3Ah	*1	03h
Character		A	D	Z	Z	;	M	O	D	:	*2	

■Parameters(*1,*2)

	1	2	3	4	5	6
Hexadecimal	30h	31h	32h	33h	34h	35h
Character	0	1	2	3	4	5

■Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	4Dh	4Fh	44h	3Ah	*1	03h
Character		M	O	D	:	*2	

Acceptability

SECURITY	STANDBY	NO SIGNAL	SHUTTER	FREEZE / D-ZOOM	TEST PATTERN	REMOTE2	ECO STANDBY	P IN P	LENS HOME	INITIAL SETTING	SIGNAL LOCK
	✔	✔	✔	✔	✔	✔		✔			✔

2.130. OSD MEMORY [VXX:OMYI0]

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	56h	58h	58h	3Ah
Character		A	D	Z	Z	;	V	X	X	:
Hexadecimal	4Fh	4Dh	59h	49h	30h	3Dh	2Bh	*1	*3	*5
Character	O	M	Y	I	0	=	+	*2	*4	*6
Hexadecimal	*7	*9	03h							
Character	*8	*10								

■Parameters(*1,*2,*3,*4,*5,*6,*7,*8,*9,*10)

	OFF					ON				
Hexadecimal	30h	30h	30h	30h	30h	30h	30h	30h	30h	31h
Character	0	0	0	0	0	0	0	0	0	1

■Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	56h	58h	58h	3Ah	4Fh	4Dh	59h	49h	30h
Character		V	X	X	:	O	M	Y	I	0
Hexadecimal	3Dh	2Bh	*1	*3	*5	*7	*9	03h		
Character	=	+	*2	*4	*6	*8	*10			

Acceptability

SECURITY	STANDBY	NO SIGNAL	SHUTTER	FREEZE / D-ZOOM	TEST PATTERN	REMOTE2	ECO STANDBY	P IN P	LENS HOME	INITIAL SETTING	SIGNAL LOCK
	✔	✔	✔	✔	✔	✔		✔			✔

2.131. INPUT GUIDE DISPLAY [OID]

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	4Fh	49h	44h	3Ah	*1	03h
Character		A	D	Z	Z	;	O	I	D	:	*2	

■Parameters(*1,*2)

	OFF	ON
Hexadecimal	30h	31h
Character	0	1

■Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	44h	49h	44h	3Ah	*1	03h
Character		O	I	D	:	*2	

Acceptability

SECURITY	STANDBY	NO SIGNAL	SHUTTER	FREEZE / D-ZOOM	TEST PATTERN	REMOTE2	ECO STANDBY	P IN P	LENS HOME	INITIAL SETTING	SIGNAL LOCK
	✔	✔	✔	✔	✔	✔		✔			✔

2.132. WARNING MESSAGE DISPLAY [VXX:WMDI0]

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	56h	58h	58h	3Ah
Character		A	D	Z	Z	;	V	X	X	:
Hexadecimal	57h	4Dh	44h	49h	30h	3Dh	2Bh	*1	*3	*5
Character	W	M	D	I	0	=	+	*2	*4	*6
Hexadecimal	*7	*9	03h							
Character	*8	*10								

■Parameters(*1,*2,*3,*4,*5,*6,*7,*8,*9,*10)

	OFF					ON				
Hexadecimal	30h	30h	30h	30h	30h	30h	30h	30h	30h	31h
Character	0	0	0	0	0	0	0	0	0	1

■Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	56h	58h	58h	3Ah	57h	4Dh	44h	49h	30h
Character		V	X	X	:	W	M	D	I	0
Hexadecimal	3Dh	2Bh	*1	*3	*5	*7	*9	03h		
Character	=	+	*2	*4	*6	*8	*10			

Acceptability

SECURITY	STANDBY	NO SIGNAL	SHUTTER	FREEZE / D-ZOOM	TEST PATTERN	REMOTE2	ECO STANDBY	P IN P	LENS HOME	INITIAL SETTING	SIGNAL LOCK
✔	✔	✔	✔		✔	✔		✔		✔	✔

2.133. CLOSED CAPTION [OCC]

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	4Fh	43h	43h	3Ah	*1	03h
Character		A	D	Z	Z	;	O	C	C	:	*2	

■Parameters(*1,*2)

	OFF	CC1	CC2	CC3	CC4
Hexadecimal	30h	31h	32h	33h	34h
Character	0	1	2	3	4

■Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	4Fh	43h	43h	3Ah	*1	03h
Character		O	C	C	:	*2	

Acceptability

SECURITY	STANDBY	NO SIGNAL	SHUTTER	FREEZE / D-ZOOM	TEST PATTERN	REMOTE2	ECO STANDBY	P IN P	LENS HOME	INITIAL SETTING	SIGNAL LOCK
					✔	✔					✔

2.134. BACK COLOR [OBC]

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	4Fh	42h	43h	3Ah	*1	03h
Character		A	D	Z	Z	;	O	B	C	:	*2	

■Parameters(*1,*2)

	BLUE	BLACK	USER LOGO	DEFAULT LOGO
Hexadecimal	30h	31h	32h	33h
Character	0	1	2	3

■Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	4Fh	42h	43h	3Ah	*1	03h
Character		O	B	C	:	*2	

Acceptability

SECURITY	STANDBY	NO SIGNAL	SHUTTER	FREEZE / D-ZOOM	TEST PATTERN	REMOTE2	ECO STANDBY	P IN P	LENS HOME	INITIAL SETTING	SIGNAL LOCK
	✔	✔	✔	✔	✔	✔		✔			✔

2.135. STARTUP LOGO [MLO]

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	4Dh	4Ch	4Fh	3Ah	*1	03h
Character		A	D	Z	Z	;	M	L	O	:	*2	

■Parameters(*1,*2)

	NONE	USER LOGO	DEFAULT LOGO
Hexadecimal	30h	31h	32h
Character	0	1	2

■Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	4Dh	4Ch	4Fh	3Ah	*1	03h
Character		M	L	O	:	*2	

Acceptability

SECURITY	STANDBY	NO SIGNAL	SHUTTER	FREEZE / D-ZOOM	TEST PATTERN	REMOTE2	ECO STANDBY	P IN P	LENS HOME	INITIAL SETTING	SIGNAL LOCK
	✔	✔	✔	✔	✔	✔		✔			✔

2.136. SHUTTER SETTING – STARTUP [VXX:SEFI3]

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	56h	58h	58h	3Ah
Character		A	D	Z	Z	;	V	X	X	:
Hexadecimal	53h	45h	46h	49h	33h	3Dh	2Bh	*1	*3	*5
Character	S	E	F	I	3	=	+	*2	*4	*6
Hexadecimal	*7	*9	03h							
Character	*8	*10								

■Parameters(*1,*2,*3,*4,*5,*6,*7,*8,*9,*10)

	OPEN					CLOSE				
Hexadecimal	30h	30h	30h	30h	30h	30h	30h	30h	30h	31h
Character	0	0	0	0	0	0	0	0	0	1

■Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	56h	58h	58h	3Ah	53h	45h	46h	49h	33h
Character		V	X	X	:	S	E	F	I	3
Hexadecimal	3Dh	2Bh	*1	*3	*5	*7	*9	03h		
Character	=	+	*2	*4	*6	*8	*10			

Acceptability

SECURITY	STANDBY	NO SIGNAL	SHUTTER	FREEZE / D-ZOOM	TEST PATTERN	REMOTE2	ECO STANDBY	P IN P	LENS HOME	INITIAL SETTING	SIGNAL LOCK
✔	✔	✔	✔		✔	✔		✔			✔

2.137. SHUTTER SETTING - SHUT OFF [VXX:SEFI4]

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	56h	58h	58h	3Ah
Character		A	D	Z	Z	;	V	X	X	:
Hexadecimal	53h	45h	46h	49h	34h	3Dh	2Bh	*1	*3	*5
Character	S	E	F	I	4	=	+	*2	*4	*6
Hexadecimal	*7	*9	03h							
Character	*8	*10								

■Parameters(*1,*2,*3,*4,*5,*6,*7,*8,*9,*10)

	OPEN					CLOSE				
Hexadecimal	30h	30h	30h	30h	30h	30h	30h	30h	30h	31h
Character	0	0	0	0	0	0	0	0	0	1

	LAST USED				
Hexadecimal	30h	30h	30h	30h	32h
Character	0	0	0	0	2

■Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	56h	58h	58h	3Ah	53h	45h	46h	49h	34h
Character		V	X	X	:	S	E	F	I	4
Hexadecimal	3Dh	2Bh	*1	*3	*5	*7	*9	03h		
Character	=	+	*2	*4	*6	*8	*10			

Acceptability

SECURITY	STANDBY	NO SIGNAL	SHUTTER	FREEZE / D-ZOOM	TEST PATTERN	REMOTE2	ECO STANDBY	P IN P	LENS HOME	INITIAL SETTING	SIGNAL LOCK
✔	✔	✔	✔		✔	✔		✔			✔

2.138. P-TIMER MODE [VXX:PTMI1]

Hexadecimal	02h	41h	4Dh	5Ah	5Ah	3Bh	56h	58h	58h	3Ah
Character		A	D	Z	Z	;	V	X	X	:
Hexadecimal	50h	54h	59h	49h	31h	3Dh	2Bh	*1	*3	*5
Character	P	T	M	I	1	=	+	*2	*4	*6
Hexadecimal	*7	*9	03h							
Character	*8	*10								

■Parameters(*1,*2,*3,*4,*5,*6,*7,*8,*9,*10)

	COUNT DOWN					COUNT UP				
Hexadecimal	30h	30h	30h	30h	30h	30h	30h	30h	30h	31h
Character	0	0	0	0	0	0	0	0	0	1

■Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	56h	58h	58h	3Ah	50h	54h	59h	49h	31h
Character		V	X	X	:	P	T	M	I	1
Hexadecimal	3Dh	2Bh	*1	*3	*5	*7	*9	03h		
Character	=	+	*2	*4	*6	*8	*10			

Acceptability

SECURITY	STANDBY	NO SIGNAL	SHUTTER	FREEZE / D-ZOOM	TEST PATTERN	REMOTE2	ECO STANDBY	P IN P	LENS HOME	INITIAL SETTING	SIGNAL LOCK
	✔	✔	✔	✔	✔	✔		✔			✔

2.139. P-TIMER COUNTDOWN [VXX:PTMI2]

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	56h	58h	58h	3Ah
Character		A	D	Z	Z	;	V	X	X	:
Hexadecimal	50h	54h	59h	49h	32h	3Dh	2Bh	*1	*3	*5
Character	P	T	M	I	2	=	+	*2	*4	*6
Hexadecimal	*7	*9	03h							
Character	*8	*10								

■Parameters(*1,*2,*3,*4, *5, *6, *7,*8)

	1					180				
Hexadecimal	30h	30h	30h	30h	31h	30h	30h	31h	38h	30h
Character	0	0	0	0	1	0	0	1	8	0

■Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	56h	58h	58h	3Ah	50h	54h	59h	49h	32h
Character		V	X	X	:	P	T	M	I	2
Hexadecimal	3Dh	2Bh	*1	*3	*5	*7	*9	03h		
Character	=	+	*2	*4	*6	*8	*10			

Acceptability

SECURITY	STANDBY	NO SIGNAL	SHUTTER	FREEZE / D-ZOOM	TEST PATTERN	REMOTE2	ECO STANDBY	P IN P	LENS HOME	INITIAL SETTING	SIGNAL LOCK
	✔	✔	✔	✔	✔	✔		✔			✔

2.140. P-TIMER RESET [VXX:PTMI3]

Hexadecimal	02h	41h	4Dh	5Ah	5Ah	3Bh	56h	58h	58h	3Ah
Character		A	D	Z	Z	;	V	X	X	:
Hexadecimal	50h	54h	59h	49h	33h	3Dh	2Bh	30h	30h	30h
Character	P	T	M	I	3	=	+	0	0	0
Hexadecimal	30h	30h	03h							
Character	0	0								

■Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	56h	58h	58h	3Ah	50h	54h	59h	49h	33h
Character		V	X	X	:	P	T	M	I	3
Hexadecimal	3Dh	2Bh	30h	30h	30h	30h	30h	03h		
Character	=	+	0	0	0	0	0			

Acceptability

SECURITY	STANDBY	NO SIGNAL	SHUTTER	FREEZE / D-ZOOM	TEST PATTERN	REMOTE2	ECO STANDBY	P IN P	LENS HOME	INITIAL SETTING	SIGNAL LOCK
	✔	✔	✔	✔	✔	✔		✔			✔

2.141. P-TIMER RESET [VXX:PTMI4]

Hexadecimal	02h	41h	4Dh	5Ah	5Ah	3Bh	56h	58h	58h	3Ah
Character		A	D	Z	Z	;	V	X	X	:
Hexadecimal	50h	54h	59h	49h	34h	3Dh	2Bh	30h	30h	30h
Character	P	T	M	I	4	=	+	0	0	0
Hexadecimal	30h	30h	03h							
Character	0	0								

■Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	56h	58h	58h	3Ah	50h	54h	59h	49h	34h
Character		V	X	X	:	P	T	M	I	4
Hexadecimal	3Dh	2Bh	30h	30h	30h	30h	30h	03h		
Character	=	+	0	0	0	0	0			

Acceptability

SECURITY	STANDBY	NO SIGNAL	SHUTTER	FREEZE / D-ZOOM	TEST PATTERN	REMOTE2	ECO STANDBY	P IN P	LENS HOME	INITIAL SETTING	SIGNAL LOCK
	✔	✔	✔	✔	✔	✔		✔			✔

2.142. CUT OFF - RED [VXX:CUTI1]

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	56h	58h	58h	3Ah
Character		A	D	Z	Z	;	V	X	X	:
Hexadecimal	43h	55h	54h	49h	31h	3Dh	2Bh	*1	*3	*5
Character	C	U	T	I	1	=	+	*2	*4	*6
Hexadecimal	*7	*9	03h							
Character	*8	*10								

■Parameters(*1,*2,*3,*4,*5,*6,*7,*8,*9,*10)

	OFF					ON				
Hexadecimal	30h	30h	30h	30h	30h	30h	30h	30h	30h	31h
Character	0	0	0	0	0	0	0	0	0	1

■Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	56h	58h	58h	3Ah	43h	55h	54h	49h	31h
Character		V	X	X	:	C	U	T	I	1
Hexadecimal	3Dh	2Bh	*1	*3	*5	*7	*9	03h		
Character	=	+	*2	*4	*6	*8	*10			

Acceptability

SECURITY	STANDBY	NO SIGNAL	SHUTTER	FREEZE / D-ZOOM	TEST PATTERN	REMOTE2	ECO STANDBY	P IN P	LENS HOME	INITIAL SETTING	SIGNAL LOCK
		✔	✔		✔	✔		✔			✔

■Notes:

・Effective for Creater mode or more.

2.143. CUT OFF - GREEN [VXX:CUTI2]

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	56h	58h	58h	3Ah
Character		A	D	Z	Z	;	V	X	X	:
Hexadecimal	43h	55h	54h	49h	32h	3Dh	2Bh	*1	*3	*5
Character	C	U	T	I	2	=	+	*2	*4	*6
Hexadecimal	*7	*9	03h							
Character	*8	*10								

■Parameters(*1,*2,*3,*4,*5,*6,*7,*8,*9,*10)

	OFF					ON				
Hexadecimal	30h	30h	30h	30h	30h	30h	30h	30h	30h	31h

Character	0	0	0	0	0	0	0	0	0	1

■Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	56h	58h	58h	3Ah	43h	55h	54h	49h	32h
Character		V	X	X	:	C	U	T	I	2
Hexadecimal	3Dh	2Bh	*1	*3	*5	*7	*9	03h		
Character	=	+	*2	*4	*6	*8	*10			

Acceptability

SECURITY	STANDBY	NO SIGNAL	SHUTTER	FREEZE / D-ZOOM	TEST PATTERN	REMOTE2	ECO STANDBY	P IN P	LENS HOME	INITIAL SETTING	SIGNAL LOCK
		✔	✔		✔	✔		✔			✔

■Notes:

・Effective Only for creator mode or more.

2.144. CUT OFF - BLUE [VXX:CUTI3]

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	56h	58h	58h	3Ah
Character		A	D	Z	Z	;	V	X	X	:
Hexadecimal	43h	55h	54h	49h	33h	3Dh	2Bh	*1	*3	*5
Character	C	U	T	I	3	=	+	*2	*4	*6
Hexadecimal	*7	*9	03h							
Character	*8	*10								

■Parameters(*1,*2,*3,*4,*5,*6,*7,*8,*9,*10)

	OFF					ON				
Hexadecimal	30h	30h	30h	30h	30h	30h	30h	30h	30h	31h
Character	0	0	0	0	0	0	0	0	0	1

■Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	56h	58h	58h	3Ah	43h	55h	54h	49h	33h
Character		V	X	X	:	C	U	T	I	3
Hexadecimal	3Dh	2Bh	*1	*3	*5	*7	*9	03h		
Character	=	+	*2	*4	*6	*8	*10			

Acceptability

SECURITY	STANDBY	NO SIGNAL	SHUTTER	FREEZE / D-ZOOM	TEST PATTERN	REMOTE2	ECO STANDBY	P IN P	LENS HOME	INITIAL SETTING	SIGNAL LOCK
		✔	✔		✔	✔		✔			✔

■Notes:

・Effective Only for creator mode or more.

2.145. PROJECTOR ID [RIS]

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	52h	49h	53h	3Ah
Character		A	D	Z	Z	;	R	I	S	:
Hexadecimal	*1	*3	03h							
Character	*2	*4								

■Parameters(*1,*2,*3,*4)

	0 (all)		1		2	
Hexadecimal	30h	30h	30h	31h	30h	32h
Character	0	0	0	1	0	2
	62		63		64	
Hexadecimal	36h	32h	36h	33h	36h	34h
Character	6	2	6	3	6	4

■Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	52h	49h	53h	3Ah	*1	*3	03h
Character		R	I	S	:	*2	*4	

Acceptability

SECURITY	STANDBY	NO SIGNAL	SHUTTER	FREEZE / D-ZOOM	TEST PATTERN	REMOTE2	ECO STANDBY	P IN P	LENS HOME	INITIAL SETTING	SIGNAL LOCK
	✔	✔	✔		✔	✔		✔			✔

2.146. INSTALLATION [OIL]

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	4Fh	49h	4Ch	3Ah	*1	03h
Character		A	D	Z	Z	;	O	I	L	:	*2	

■Parameters(*1,*2)

	FRONT/FLOOR	REAR/FLOOR	FRONT/CEILING	REAR/CEILING
Hexadecimal	30h	31h	32h	33h
Character	0	1	2	3

■Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	4Fh	49h	4Ch	3Ah	*1	03h
Character		O	I	L	:	*2	

Acceptability

SECURITY	STANDBY	NO SIGNAL	SHUTTER	FREEZE / D-ZOOM	TEST PATTERN	REMOTE2	ECO STANDBY	P IN P	LENS HOME	INITIAL SETTING	SIGNAL LOCK
	✔	✔	✔		✔	✔		✔			✔

2.147. COOLING CONDITION [ODR]

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	4Fh	44h	52h	3Ah	*1	03h
Character		A	D	Z	Z	;	O	D	R	:	*2	

■Parameters(*1,*2)

	FOOR	CEILING	VERTICAL UP	VERTICAL DOWN	AUTO
Hexadecimal	30h	31h	32h	33h	39h
Character	0	1	2	3	9

■Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	4Fh	44h	52h	3Ah	*1	03h
Character		O	D	R	:	*2	

Acceptability

SECURITY	STANDBY	NO SIGNAL	SHUTTER	FREEZE / D-ZOOM	TEST PATTERN	REMOTE2	ECO STANDBY	P IN P	LENS HOME	INITIAL SETTING	SIGNAL LOCK
	✔	✔	✔		✔	✔		✔			✔

■Notes:

・Effective Only for creator mode or more.

2.148. LAMP POWER [OLP]

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	4Fh	4Ch	50h	3Ah	*1	03h
Character		A	D	Z	Z	;	O	L	P	:	*2	

■Parameters(*1,*2)

	NORMAL	AUTO	ECO*	ECO1*	ECO2*
Hexadecimal	30h	32h	31h	33h	34h
Character	0	2	1	3	4

■Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	4Fh	4Ch	50h	3Ah	*1	03h
Character		O	L	P	:	*2	

Acceptability

SECURITY	STANDBY	NO SIGNAL	SHUTTER	FREEZE / D-ZOOM	TEST PATTERN	REMOTE2	ECO STANDBY	P IN P	LENS HOME	INITIAL SETTING	SIGNAL LOCK
	✔	✔	✔		✔	✔		✔			✔

■Note

* Model Group C and D support ECO mode, Model Group A and B support ECO1 and ECO2.

2.149. LAMP POWER [VXX:LPWI1]

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	56h	58h	58h	3Ah
Character		A	D	Z	Z	;	V	X	X	:
Hexadecimal	4Ch	50h	57h	49h	31h	3Dh	2Bh	*1	*3	*5
Character	L	P	W	I	1	=	+	*2	*4	*6
Hexadecimal	*7	*9	03h							
Character	*8	*10								

■Parameters(*1,*2,*3,*4,*5,*6,*7,*8,*9,*10)

	ECO					NORMAL					ECO1				
Hexadecimal	30h	30h	30h	30h	30h	30h	30h	30h	30h	31h	30h	30h	30h	32h	30h
Character	0	0	0	0	0	0	0	0	0	1	0	0	0	2	0
	ECO2					AUTO									
Hexadecimal	30h	30h	30h	32h	31h	30h	30h	30h	33h	30h					
Character	0	0	0	2	1	0	0	0	3	0					

■Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	56h	58h	58h	3Ah	4Ch	50h	57h	49h	31h
Character		V	X	X	:	L	P	W	I	1
Hexadecimal	3Dh	2Bh	*1	*3	*5	*7	*9	03h		
Character	=	+	*2	*4	*6	*8	*10			

Acceptability

SECURITY	STANDBY	NO SIGNAL	SHUTTER	FREEZE / D-ZOOM	TEST PATTERN	REMOTE2	ECO STANDBY	P IN P	LENS HOME	INITIAL SETTING	SIGNAL LOCK
	✔	✔	✔		✔	✔		✔			✔

■Note

* Model Group C and D support ECO, Model Group A and B support ECO1 and ECO2.

2.150. ECO MODE - AUTO POWER SAVE [VXX: ECOI0]

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	56h	58h	58h	3Ah
Character		A	D	Z	Z	;	V	X	X	:
Hexadecimal	45h	43h	4Fh	49h	30h	3Dh	2Bh	*1	*3	*5
Character	E	C	O	I	0	=	+	*2	*4	*6
Hexadecimal	*7	*9	03h							
Character	*8	*10								

■Parameters(*1,*2,*3,*4,*5,*6,*7,*8,*9,*10)

	OFF					ON				
Hexadecimal	30h	30h	30h	30h	30h	30h	30h	30h	30h	31h
Character	0	0	0	0	0	0	0	0	0	1

■Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	56h	58h	58h	3Ah	45h	43h	4Fh	49h	30h
Character		V	X	X	:	E	C	O	I	0
Hexadecimal	3Dh	2Bh	*1	*3	*5	*7	*9	03h		
Character	=	+	*2	*4	*6	*8	*10			

Acceptability

SECURITY	STANDBY	NO SIGNAL	SHUTTER	FREEZE / D-ZOOM	TEST PATTERN	REMOTE2	ECO STANDBY	P IN P	LENS HOME	INITIAL SETTING	SIGNAL LOCK
	✔	✔	✔	✔	✔	✔		✔			✔

2.151. ECO MODE - AMBIENT LIGHT DETECTION [VXX: ECOI1]

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	56h	58h	58h	3Ah
Character		A	D	Z	Z	;	V	X	X	:
Hexadecimal	45h	43h	4Fh	49h	31h	3Dh	2Bh	*1	*3	*5
Character	E	C	O	I	1	=	+	*2	*4	*6
Hexadecimal	*7	*9	03h							
Character	*8	*10								

■Parameters(*1,*2,*3,*4,*5,*6,*7,*8,*9,*10)

	OFF					ON				
Hexadecimal	30h	30h	30h	30h	30h	30h	30h	30h	30h	31h
Character	0	0	0	0	0	0	0	0	0	1

■Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	56h	58h	58h	3Ah	45h	43h	4Fh	49h	31h
Character		V	X	X	:	E	C	O	I	1
Hexadecimal	3Dh	2Bh	*1	*3	*5	*7	*9	03h		
Character	=	+	*2	*4	*6	*8	*10			

Acceptability

SECURITY	STANDBY	NO SIGNAL	SHUTTER	FREEZE / D-ZOOM	TEST PATTERN	REMOTE2	ECO STANDBY	P IN P	LENS HOME	INITIAL SETTING	SIGNAL LOCK
	✔	✔	✔	✔	✔	✔		✔			✔

2.152. ECO MODE - SIGNAL DETECTION [VXX: ECOI2]

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	56h	58h	58h	3Ah
Character		A	D	Z	Z	;	V	X	X	:
Hexadecimal	45h	43h	4Fh	49h	32h	3Dh	2Bh	*1	*3	*5
Character	E	C	O	I	2	=	+	*2	*4	*6
Hexadecimal	*7	*9	03h							
Character	*8	*10								

■Parameters(*1,*2,*3,*4,*5,*6,*7,*8,*9,*10)

	OFF					ON				
Hexadecimal	30h	30h	30h	30h	30h	30h	30h	30h	30h	31h
Character	0	0	0	0	0	0	0	0	0	1

■Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	56h	58h	58h	3Ah	45h	43h	4Fh	49h	32h
Character		V	X	X	:	E	C	O	I	2
Hexadecimal	3Dh	2Bh	*1	*3	*5	*7	*9	03h		
Character	=	+	*2	*4	*6	*8	*10			

Acceptability

SECURITY	STANDBY	NO SIGNAL	SHUTTER	FREEZE / D-ZOOM	TEST PATTERN	REMOTE2	ECO STANDBY	P IN P	LENS HOME	INITIAL SETTING	SIGNAL LOCK
	✔	✔	✔	✔	✔	✔		✔			✔

2.153. ECO MODE - AV MUTE DETECTION [VXX: ECOI3]

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	56h	58h	58h	3Ah
Character		A	D	Z	Z	;	V	X	X	:

Hexadecimal	45h	43h	4Fh	49h	33h	3Dh	2Bh	*1	*3	*5
Character	E	C	O	I	3	=	+	*2	*4	*6
Hexadecimal	*7	*9	03h							
Character	*8	*10								

■Parameters(*1,*2,*3,*4,*5,*6,*7,*8,*9,*10)

	OFF					ON				
Hexadecimal	30h	30h	30h	30h	30h	30h	30h	30h	30h	31h
Character	0	0	0	0	0	0	0	0	0	1

■Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	56h	58h	58h	3Ah	45h	43h	4Fh	49h	33h
Character		V	X	X	:	E	C	O	I	3
Hexadecimal	3Dh	2Bh	*1	*3	*5	*7	*9	03h		
Character	=	+	*2	*4	*6	*8	*10			

Acceptability

SECURITY	STANDBY	NO SIGNAL	SHUTTER	FREEZE / D-ZOOM	TEST PATTERN	REMOTE2	ECO STANDBY	P IN P	LENS HOME	INITIAL SETTING	SIGNAL LOCK
	✔	✔	✔	✔	✔	✔		✔			✔

2.154. NO SIGNAL SHUT-OFF [OAF]

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	4Fh	41h	46h	3Ah
Character		A	D	Z	Z	;	O	A	F	:
Hexadecimal	*1	*3	03h							
Character	*2	*4								

■Parameters(*1,*2,*3,*4)

	OFF		10 MIN		20 MIN		30 MIN		40 MIN	
Hexadecimal	30h	30h	31h	30h	32h	30h	33h	30h	34h	30h
Character	0	0	1	0	2	0	3	0	4	0
	50 MIN		60 MIN		70 MIN		80 MIN		90 MIN	
Hexadecimal	35h	30h	36h	30h	37h	30h	38h	30h	39h	30h
Character	5	0	6	0	7	0	8	0	9	0

■Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	44h	41h	46h	3Ah	*1	*3	03h
Character		O	A	F	:	*2	*4	

Acceptability

SECURITY	STANDBY	NO SIGNAL	SHUTTER	FREEZE / D-ZOOM	TEST PATTERN	REMOTE2	ECO STANDBY	P IN P	LENS HOME	INITIAL SETTING	SIGNAL LOCK
	✔	✔	✔	✔	✔	✔		✔			✔

2.155. STANDBY MODE [VXX:STMI0]

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	56h	58h	58h	3Ah
Character		A	D	Z	Z	;	V	X	X	:
Hexadecimal	53h	54h	4Dh	49h	30h	3Dh	2Bh	*1	*3	*5
Character	S	T	M	I	0	=	+	*2	*4	*6
Hexadecimal	*7	*9	03h							
Character	*8	*10								

■Parameters(*1,*2,*3,*4,*5,*6,*7,*8,*9,*10)

	NORMAL					ECO				
Hexadecimal	30h	30h	30h	30h	30h	30h	30h	30h	30h	33h
Character	0	0	0	0	0	0	0	0	0	3

■Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	56h	58h	58h	3Ah	53h	54h	4Dh	49h	30h
Character		V	X	X	:	S	T	M	I	0
Hexadecimal	3Dh	2Bh	*1	*3	*5	*7	*9	03h		
Character	=	+	*2	*4	*6	*8	*10			

Acceptability

SECURITY	STANDBY	NO SIGNAL	SHUTTER	FREEZE / D-ZOOM	TEST PATTERN	REMOTE2	ECO STANDBY	P IN P	LENS HOME	INITIAL SETTING	SIGNAL LOCK
	✔	✔	✔	✔	✔	✔	✔	✔			✔

2.156. SCHEDULE [VXX:SCHI0]

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	56h	58h	58h	3Ah
Character		A	D	Z	Z	;	V	X	X	:
Hexadecimal	53h	43h	48h	49h	30h	3Dh	2Bh	*1	*3	*5
Character	S	C	H	I	0	=	+	*2	*4	*6
Hexadecimal	*7	*9	03h							
Character	*8	*10								

■Parameters(*1,*2,*3,*4,*5,*6,*7,*8,*9,*10)

	OFF					ON				
Hexadecimal	30h	30h	30h	30h	30h	30h	30h	30h	30h	31h
Character	0	0	0	0	0	0	0	0	0	1

■Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	56h	58h	58h	3Ah	53h	43h	48h	49h	30h
Character		V	X	X	:	S	C	H	I	0
Hexadecimal	3Dh	2Bh	*1	*3	*5	*7	*9	03h		
Character	=	+	*2	*4	*6	*8	*10			

Acceptability

SECURITY	STANDBY	NO SIGNAL	SHUTTER	FREEZE / D-ZOOM	TEST PATTERN	REMOTE2	ECO STANDBY	P IN P	LENS HOME	INITIAL SETTING	SIGNAL LOCK
	✔	✔	✔		✔	✔		✔			✔

2.157. SCHEDULE - PROGRAM ASSIGN [VXX:SPGI]

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	56h	58h	58h	3Ah
Character		A	D	Z	Z	;	V	X	X	:
Hexadecimal	53h	50h	47h	49h	*1	3Dh	2Bh	*3	*5	*7
Character	S	P	G	I	*2	=	+	*4	*6	*8
Hexadecimal	*9	*11	03h							
Character	*10	*12								

■Parameters(*1,*2)

	SUN	MON	TUE	WED	THU	FRI	SAT
Hexadecimal	30h	31h	32h	33h	34h	35h	36h
Character	0	1	2	3	4	5	6

■Parameters(*3, *4, *5, *6, *7, *8, *9, *10, *11, *12)

	OFF					PROGRAM 1					PROGRAM 2				
Hexadecimal	30h	30h	30h	30h	30h	30h	30h	30h	30h	31h	30h	30h	30h	30h	32h
Character	0	0	0	0	0	0	0	0	0	1	0	0	0	0	2
	PROGRAM 3					PROGRAM 4					PROGRAM 5				
Hexadecimal	30h	30h	30h	30h	33h	30h	30h	30h	30h	34h	30h	30h	30h	30h	35h
Character	0	0	0	0	3	0	0	0	0	4	0	0	0	0	5
	PROGRAM 6					PROGRAM 7									
Hexadecimal	30h	30h	30h	30h	36h	30h	30h	30h	30h	37h					
Character	0	0	0	0	6	0	0	0	0	7					

■Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	56h	58h	58h	3Ah	53h	50h	47h	49h	*1
Character		V	X	X	:	S	P	G	I	*2
Hexadecimal	3Dh	2Bh	*3	*5	*7	*9	*11	03h		
Character	=	+	*4	*6	*8	*10	*12			

Acceptability

SECURITY	STANDBY	NO SIGNAL	SHUTTER	FREEZE / D-ZOOM	TEST PATTERN	REMOTE2	ECO STANDBY	P IN P	LENS HOME	INITIAL SETTING	SIGNAL LOCK
	✔	✔	✔		✔	✔		✔			✔

2.158. SCHEDULE - COMMAND ASSIGN [VXX:SCCS]

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	56h	58h	58h	3Ah
Character		A	D	Z	Z	;	V	X	X	:
Hexadecimal	53h	43h	43h	53h	*1	3Dh	*3	*5	*7	*9
Character	S	C	C	S	*2	=	*4	*6	*8	*10
Hexadecimal	*11	*13	*15	*17	03h					
Character	*12	*14	*16	*18						

■Parameters(*1,*2)

	PROGRAM 1	PROGRAM 2	PROGRAM 3	PROGRAM 4
Hexadecimal	31h	32h	33h	34h
Character	1	2	3	4
	PROGRAM 5	PROGRAM 6	PROGRAM 7	
Hexadecimal	35h	36h	37h	
Character	5	6	7	

■Parameters(*3, *4, *5, *6)

	COMMAND 1		COMMAND 2		COMMAND 3		COMMAND 4	
Hexadecimal	30h	31h	30h	32h	30h	33h	30h	34h
Character	0	1	0	2	0	3	0	4
	COMMAND13		COMMAND 14		COMMAND 15		COMMAND 16	
Hexadecimal	31h	33h	31h	34h	31h	35h	31h	36h
Character	1	3	1	4	1	5	1	6

■Parameters(*7, *8, *9, *10)

	COMMAND Del		STANDBY		POWER ON		SHUTTER OPEN		SHUTTER CLOSE	
Hexadecimal	30h	30h	31h	30h	31h	31h	32h	30h	32h	31h
Character	0	0	1	0	1	1	2	0	2	1
	RGB1 INPUT		RGB2 入力		VIDEO INPUT		DVI INPUT		HDMI INPUT	
Hexadecimal	33h	31h	33h	32h	34h	31h	35h	31h	35h	33h
Character	3	1	3	2	4	1	5	1	5	3
	Display port INPUT		LAMP POWER NORMAL		LAMP POWER ECO/ECO1		LAMP POWER ECO2		LAMP POWER AUTO	
Hexadecimal	35h	37h	37h	30h	37h	31h	37h	32h	37h	33h
Character	5	7	7	0	7	1	7	2	7	3
	P IN POFF		P IN PUSER1		P IN PUSER2		P IN PUSER3			
Hexadecimal	39h	30h	39h	31h	39h	31h	39h	32h		
Character	9	0	9	1	9	2	9	3		
	AUDIO IN STANDBY MODE OFF				AUDIO IN STANDBY MODE ON					
Hexadecimal	41h		30h		41h		31h			
Character	A		0		A		1			
	DIGITAL LINK INPUT		INPUT 1		INPUT 2		INPUT 3		INPUT 4	
Hexadecimal	42h	30h	42h	31h	42h	32h	42h	33h	42h	34h
Character	B	0	B	1	B	2	B	3	B	4
	INPUT 5		INPUT 6		INPUT 7		INPUT 8		INPUT 9	
Hexadecimal	42h	35h	42h	36h	42h	37h	42h	38h	42h	39h
Character	B	5	B	6	B	7	B	8	B	9
	INPUT 10									
Hexadecimal	42h	41h								
Character	B	A								
	AUDIO IN VOLUME : 0		AUDIO IN VOLUME : 1		AUDIO IN VOLUME : 32		AUDIO IN VOLUME : 62		AUDIO IN VOLUME : 63	
Hexadecimal	43h	30h	43h	31h	45h	30h	46h	45h	46h	46h
Character	C	0	C	1	E	0	F	E	F	F

■Parameters(*11, *12, *13, *14, *15, *16, *17, *18)

	00:00				00:01				00:02			
Hexadecimal	30h	30h	30h	30h	30h	30h	30h	31h	30h	30h	30h	32h
Character	0	0	0	0	0	0	0	1	0	0	0	2
	23:57				23:58				23:59			
Hexadecimal	32h	33h	35h	37h	32h	33h	35h	38h	32h	33h	35h	39h
Character	2	3	5	7	2	3	5	8	2	3	5	9

■Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	56h	58h	58h	3Ah	53h	43h	43h	53h	*1	
Character		V	X	X	:	S	C	C	S	*2	
Hexadecimal	3Dh	2Bh	*3	*5	*7	*9	*11	*13	*15	*17	03h
Character	=	+	*4	*6	*8	*10	*12	*14	*16	*18	

Acceptability

SECURITY	STANDBY	NO SIGNAL	SHUTTER	FREEZE / D-ZOOM	TEST PATTERN	REMOTE2	ECO STANDBY	P IN P	LENS HOME	INITIAL SETTING	SIGNAL LOCK
	✔	✔	✔		✔	✔		✔			✔

■Note

* Model Group A and C support ECO1 and ECO2, Model Group C and D supports ECO.

2.159. STARTUP INPUT SELECT [VXX:SISS1]

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	56h	58h	58h	3Ah
Character		A	D	Z	Z	;	V	X	X	:
Hexadecimal	53h	49h	53h	53h	31h	3Dh	*1	*3	*5	03h
Character	S	I	S	S	1	=	*2	*4	*6	

■Parameters(*1,*2,*3,*4,*5,*6)

	LADT USED			VIDEO			RGB1			RGB2		
Hexadecimal	4Ch	53h	55h	56h	49h	44h	52h	47h	31h	52h	47h	32h
Character	L	S	U	V	I	D	R	G	1	R	G	2
	DVI-D			HDMI			DIGITAL LINK			Display port		
Hexadecimal	44h	56h	49h	48h	44h	31h	44h	4Ch	31h	44h	50h	31h
Character	D	V	I	H	D	1	D	L	1	D	P	1

■Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	56h	58h	58h	3Ah	53h	49h	53h	53h	31h
Character		V	X	X	:	S	I	S	S	1
Hexadecimal	3Dh	*1	*3	*5	03h					
Character	=	*2	*4	*6						

Acceptability

SECURITY	STANDBY	NO SIGNAL	SHUTTER	FREEZE / D-ZOOM	TEST PATTERN	REMOTE2	ECO STANDBY	P IN P	LENS HOME	INITIAL SETTING	SIGNAL LOCK

	✔	✔	✔	✔	✔	✔		✔			✔

■Note

＊ Parameter DIGITAL LINK “DL1” and DisplayPort “DP1” are only effective for Model Group A and C.

2.160. STARTUP INPUT SELECT (DIGITAL LINK)[VXX:SISI2]

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	56h	58h	58h	3Ah
Character		A	D	Z	Z	;	V	X	X	:
Hexadecimal	53h	49h	53h	49h	32h	3Dh	2Bh	＊1	＊3	＊5
Character	S	I	S	I	2	=	+	＊2	＊4	＊6
Hexadecimal	＊7	＊9	03h							
Character	＊8	＊10								

■Parameters(＊1,＊2,＊3,＊4,＊5,＊6,＊7,＊8,＊9,＊10)

	LST USED					INPUT 1				
Hexadecimal	30h	30h	30h	30h	30h	30h	30h	30h	30h	31h
Character	0	0	0	0	0	0	0	0	0	1
	INPUT 2					INPUT 3				
Hexadecimal	30h	30h	30h	30h	32h	30h	30h	30h	30h	33h
Character	0	0	0	0	2	0	0	0	0	3
	INPUT 4					INPUT 5				
Hexadecimal	30h	30h	30h	30h	34h	30h	30h	30h	30h	35h
Character	0	0	0	0	4	0	0	0	0	5
	INPUT 6					INPUT 7				
Hexadecimal	30h	30h	30h	30h	36h	30h	30h	30h	30h	37h
Character	0	0	0	0	6	0	0	0	0	7
	INPUT 8					INPUT 9				
Hexadecimal	30h	30h	30h	30h	38h	30h	30h	30h	30h	39h
Character	0	0	0	0	8	0	0	0	0	9
	INPUT 10									
Hexadecimal	30h	30h	30h	31h	30h					
Character	0	0	0	1	0					

■Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	56h	58h	58h	3Ah	53h	49h	53h	49h	32h
Character		V	X	X	:	S	I	S	I	2
Hexadecimal	3Dh	2Bh	＊1	＊3	＊5	＊7	＊9	03h		
Character	=	+	＊2	＊4	＊6	＊8	＊10			

Acceptability

SECURITY	STANDBY	NO SIGNAL	SHUTTER	FREEZE / D-ZOOM	TEST PATTERN	REMOTE2	ECO STANDBY	P IN P	LENS HOME	INITIAL SETTING	SIGNAL LOCK
	✔	✔	✔	✔	✔	✔		✔			✔

■Note

＊ This command is only effective for Model Group A and C.

2.161. RS232C - (IN)BAUDRATE [VXX:IBRI0]

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	56h	58h	58h	3Ah
Character		A	D	Z	Z	;	V	X	X	:
Hexadecimal	49h	42h	52h	49h	30h	3Dh	2Bh	＊1	＊3	＊5
Character	I	B	R	I	0	=	+	＊2	＊4	＊6
Hexadecimal	＊7	＊9	03h							
Character	＊8	＊10								

■Parameters(＊1,＊2,＊3,＊4,＊5,＊6,＊7,＊8,＊9,＊10)

	9600					19200					38400				
Hexadecimal	30h	30h	30h	30h	30h	30h	30h	30h	30h	31h	30h	30h	30h	30h	32h
Character	0	0	0	0	0	0	0	0	0	1	0	0	0	0	2

■Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	56h	58h	58h	3Ah	49h	42h	52h	49h	30h
Character		V	X	X	:	I	B	R	I	0
Hexadecimal	3Dh	2Bh	＊1	＊3	＊5	＊7	＊9	03h		
Character	=	+	＊2	＊4	＊6	＊8	＊10			

Acceptability

SECURITY	STANDBY	NO SIGNAL	SHUTTER	FREEZE / D-ZOOM	TEST PATTERN	REMOTE2	ECO STANDBY	P IN P	LENS HOME	INITIAL SETTING	SIGNAL LOCK
✔	✔	✔	✔	✔	✔	✔		✔			✔

■Notes:

・Baudrate is fixed to 9600bps if the RS-232C INPUT SELECT is selected to DIGIAL LINK. This is effective only for Model Group A and C.

2.162. RS232C - (IN)PARITY [VXX:IPRI0]

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	56h	58h	58h	3Ah

Character		A	D	Z	Z	;	V	X	X	:
Hexadecimal	49h	50h	52h	49h	30h	3Dh	2Bh	*1	*3	*5
Character	I	P	R	I	0	=	+	*2	*4	*6
Hexadecimal	*7	*9	03h							
Character	*8	*10								

■Parameters(*1,*2,*3,*4,*5,*6,*7,*8,*9,*10)

	NONE					EVEN					ODD				
Hexadecimal	30h	30h	30h	30h	30h	30h	30h	30h	30h	31h	30h	30h	30h	30h	32h
Character	0	0	0	0	0	0	0	0	0	1	0	0	0	0	2

■Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	56h	58h	58h	3Ah	49h	50h	52h	49h	30h
Character		V	X	X	:	I	P	R	I	0
Hexadecimal	3Dh	2Bh	*1	*3	*5	*7	*9	03h		
Character	=	+	*2	*4	*6	*8	*10			

Acceptability

SECURITY	STANDBY	NO SIGNAL	SHUTTER	FREEZE / D-ZOOM	TEST PATTERN	REMOTE2	ECO STANDBY	P IN P	LENS HOME	INITIAL SETTING	SIGNAL LOCK
✔	✔	✔	✔	✔	✔	✔		✔			✔

2.163. EMULATE MODE [VXX:EMUI0]

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	56h	58h	58h	3Ah
Character		A	D	Z	Z	;	V	X	X	:
Hexadecimal	45h	4Dh	55h	49h	30h	3Dh	2Bh	*1	*3	*5
Character	E	M	U	I	0	=	+	*2	*4	*6
Hexadecimal	*7	*9	03h							
Character	*8	*10								

■Parameters(*1,*2,*3,*4,*5,*6,*7,*8,*9,*10)

	DEFAULT					D3500(※1)					D4000(※2)				
Hexadecimal	30h	30h	30h	30h	30h	30h	30h	30h	30h	32h	30h	30h	30h	30h	33h
Character	0	0	0	0	0	0	0	0	0	2	0	0	0	0	3
	D/W5k Series(※3)					D/W/Z6k Series(※4)					L730				
Hexadecimal	30h	30h	30h	30h	34h	30h	30h	30h	30h	35h	30h	30h	30h	30h	36h
Character	0	0	0	0	4	0	0	0	0	5	0	0	0	0	6
	L780					L735					L785				
Hexadecimal	30h	30h	30h	30h	37h	30h	30h	30h	30h	38h	30h	30h	30h	30h	39h
Character	0	0	0	0	7	0	0	0	0	8	0	0	0	0	9
	LB Series					F Series					LZ370(※5)				
Hexadecimal	30h	30h	30h	31h	30h	30h	30h	30h	31h	31h	30h	30h	30h	31h	32h
Character	0	0	0	1	0	0	0	0	1	1	0	0	0	1	2
	VX/VW Series					EZ/EW/EX Series					VW431D(※5)				
Hexadecimal	30h	30h	30h	31h	33h	30h	30h	30h	31h	34h	30h	30h	30h	31h	35h
Character	0	0	0	1	3	0	0	0	1	4	0	0	0	1	5

(※1) China model is FD350.
(※2) China model is FD400.
(※3) CHaina model is FD/FDW500Series。
(※4) China model is FD/W/Z600Series。
(※5) China model is not support this paramerers.

■Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	56h	58h	58h	3Ah	45h	4Dh	55h	49h	30h
Character		V	X	X	:	E	M	U	I	0
Hexadecimal	3Dh	2Bh	*1	*3	*5	*7	*9	03h		
Character	=	+	*2	*4	*6	*8	*10			

Acceptability

SECURITY	STANDBY	NO SIGNAL	SHUTTER	FREEZE / D-ZOOM	TEST PATTERN	REMOTE2	ECO STANDBY	P IN P	LENS HOME	INITIAL SETTING	SIGNAL LOCK
✔	✔	✔	✔	✔	✔	✔		✔			✔

2.164. CONTACT CONTROL MODE [VXX:RMPI0]

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	56h	58h	58h	3Ah
Character		A	D	Z	Z	;	V	X	X	:
Hexadecimal	52h	4Dh	50h	49h	30h	3Dh	2Bh	*1	*3	*5
Character	R	M	P	I	0	=	+	*2	*4	*6
Hexadecimal	*7	*9	03h							
Character	*8	*10								

■Parameters(*1,*2,*3,*4,*5,*6,*7,*8,*9,*10)

	DEFAULT					USER					F/FW SERIES				
Hexadecimal	30h	30h	30h	30h	30h	30h	30h	30h	30h	31h	30h	30h	30h	30h	33h
Character	0	0	0	0	0	0	0	0	0	1	0	0	0	0	3

■Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	56h	58h	58h	3Ah	52h	4Dh	50h	49h	30h
Character		V	X	X	:	R	M	P	I	0
Hexadecimal	3Dh	2Bh	*1	*3	*5	*7	*9	03h		
Character	=	+	*2	*4	*6	*8	*10			

Acceptability

SECURITY	STANDBY	NO SIGNAL	SHUTTER	FREEZE / D-ZOOM	TEST PATTERN	REMOTE2	ECO STANDBY	P IN P	LENS HOME	INITIAL SETTING	SIGNAL LOCK
		✔	✔	✔	✔	✔		✔			✔

2.165. CONTACT CONTROL P2 [VXX:RMPS1=P2]

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	56h	58h	58h	3Ah
Character		A	D	Z	Z	;	V	X	X	:
Hexadecimal	52h	4Dh	50h	53h	31h	3Dh	50h	32h	3Ch	*1
Character	R	M	P	S	1	=	P	2	<	*2
Hexadecimal	*3	*5	*7	*9	03h					
Character	*4	*6	*8	*10						

■Parameters(*1,*2,*3,*4,*5,*6,*7,*8,*9,*10)

	NONE				POWER				
Hexadecimal	4Eh	4Fh	4Eh	45h	50h	4Fh	57h	45h	52h
Character	N	O	N	E	P	O	W	E	R

■Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	56h	58h	58h	3Ah	52h	4Dh	50h	53h	31h
Character		V	X	X	:	R	M	P	S	1
Hexadecimal	3Dh	50h	32h	3Ch	*1	*3	*5	*7	*9	03h
Character	=	P	2	<	*2	*4	*6	*8	*10	

Acceptability

SECURITY	STANDBY	NO SIGNAL	SHUTTER	FREEZE / D-ZOOM	TEST PATTERN	REMOTE2	ECO STANDBY	P IN P	LENS HOME	INITIAL SETTING	SIGNAL LOCK
		✔	✔	✔	✔	✔		✔			✔

2.166. CONTACT CONTROL P3 - P7[VXX:RMPS1=P3-P7]

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	56h	58h	58h	3Ah
Character		A	D	Z	Z	;	V	X	X	:
Hexadecimal	52h	4Dh	50h	53h	31h	3Dh	50h	*1	3Ch	*3
Character	R	M	P	S	1	=	P	*2	<	*4
Hexadecimal	*5	*7	*9	*11	03h					
Character	*6	*8	*10	*12						

■Parameters(*1,*2)

	P3	P4	P5	P6	P7
Hexadecimal	33h	34h	35h	36h	37h
Character	3	4	5	6	7

■Parameters(*3,*4,*5,*6,*7,*8,*9,*10,*11,*12)

	NONE				RGB1				RGB2			
Hexadecimal	4Eh	4Fh	4Eh	45h	52h	47h	42h	31h	52h	47h	42h	32h
Character	N	O	N	E	R	G	B	1	R	G	B	2
	VIDEO				HDMI				DVI			
Hexadecimal	56h	49h	44h	45h	4Fh	48h	44h	4Dh	49h	44h	56h	49h
Character	V	I	D	E	O	H	D	M	I	D	V	I
	DLINK				DP1							
Hexadecimal	44h	4Ch	49h	4Eh	4Bh	44h	50h	31h				
Character	D	L	I	N	K	D	P	1				

■Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	56h	58h	58h	3Ah	52h	4Dh	50h	53h	31h
Character		V	X	X	:	R	M	P	S	1
Hexadecimal	3Dh	50h	*1	3Ch	*3	*5	*7	*9	*11	03h
Character	=	P	*2	<	*4	*6	*8	*10	*12	

Acceptability

SECURITY	STANDBY	NO SIGNAL	SHUTTER	FREEZE / D-ZOOM	TEST PATTERN	REMOTE2	ECO STANDBY	P IN P	LENS HOME	INITIAL SETTING	SIGNAL LOCK
		✔	✔	✔	✔	✔		✔			✔

■Note

* Parameter “DLINK” and “DP1” are only effective for Model Group A and C.

2.167. CONTACT CONTROL P8 [VXX:RMPS1=P8]

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	56h	58h	58h	3Ah

Character		A	D	Z	Z	;	V	X	X	:
Hexadecimal	52h	4Dh	50h	53h	31h	3Dh	50h	38h	3Ch	*1
Character	R	M	P	S	1	=	P	8	<	*2
Hexadecimal	*3	*5	*7	*9	*11	*13	03h			
Character	*4	*6	*8	*10	*12	*14				

■Parameters(*1,*2,*3,*4,*5,*6,*7,*8,*9,*10,*11,*12,*13,*14)

	NONE				SHUTTER						
Hexadecimal	4Eh	4Fh	4Eh	45h	53h	48h	55h	54h	54h	45h	52h
Character	N	O	N	E	S	H	U	T	T	E	R

■Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	56h	58h	58h	3Ah	52h	4Dh	50h	53h	31h
Character		V	X	X	:	R	M	P	S	1
Hexadecimal	3Dh	50h	38h	3Ch	*1	*3	*5	*7	*9	*10
Character	=	P	8	<	*2	*4	*6	*8	*10	*11
Hexadecimal	*13	03h								
Character	*14									

Acceptability

SECURITY	STANDBY	NO SIGNAL	SHUTTER	FREEZE / D-ZOOM	TEST PATTERN	REMOTE2	ECO STANDBY	P IN P	LENS HOME	INITIAL SETTING	SIGNAL LOCK
		✔	✔	✔	✔	✔		✔			✔

2.168. FUNCTION BUTTON [OFC]

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	4Fh	46h	43h	3Ah	*1	03h
Character		A	D	Z	Z	;	O	F	C	:	*2	

■Parameters(*1,*2)

	DISABLE	SYSTEM SELECTOR	SYSTEM DAYLIGHT VIEW	SUB MEMORY LIST
Hexadecimal	30h	31h	32h	33h
Character	0	1	2	3

	TEST PATTERN
Hexadecimal	39h
Character	9

■Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	4Fh	46h	43h	3Ah	*1	03h
Character		O	F	C	:	*2	

Acceptability

SECURITY	STANDBY	NO SIGNAL	SHUTTER	FREEZE / D-ZOOM	TEST PATTERN	REMOTE2	ECO STANDBY	P IN P	LENS HOME	INITIAL SETTING	SIGNAL LOCK
	✔	✔	✔	✔	✔	✔		✔			✔

2.169. VOLUME [AVL]

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	41h	56h	4Ch	3Ah
Character		A	D	Z	Z	;	A	V	L	:
Hexadecimal	*1	*3	*5	03h						
Character	*2	*4	*6							

■Parameters(*1,*2,*3,*4,*5,*6)

	0			1		
Hexadecimal	30h	30h	30h	30h	30h	31h
Character	0	0	0	0	0	1
	62			63		
Hexadecimal	30h	36h	32h	30h	36h	33h
Character	0	6	2	0	6	3

■Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	41h	56h	4Ch	3Ah	*1	*3	*5	03h
Character		A	V	L	:	*2	*4	*6	

Acceptability

SECURITY	STANDBY	NO SIGNAL	SHUTTER	FREEZE / D-ZOOM	TEST PATTERN	REMOTE2	ECO STANDBY	P IN P	LENS HOME	INITIAL SETTING	SIGNAL LOCK
	✔*	✔		✔		✔		✔			✔

■Notes:

・It is available in the standby mode and AUDIO IN STANDBY MODE is ON.

2.170. AUDIO BALANCE [ABL]

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	41h	42h	4Ch	3Ah
Character		A	D	Z	Z	;	A	B	L	:
Hexadecimal	*1	*3	*5	03h						
Character	*2	*4	*6							

■Parameters(*1,*2,*3,*4,*5,*6)

	-16			-15		
Hexadecimal	2Dh	31h	36h	2Dh	31h	35h
Character	-	1	6	-	1	5
	15			16		
Hexadecimal	30h	31h	35h	30h	31h	36h
Character	0	1	5	0	1	6

■Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	41h	42h	4Ch	3Ah	*1	*3	*5	03h
Character		A	B	L	:	*2	*4	*6	

Acceptability

SECURITY	STANDBY	NO SIGNAL	SHUTTER	FREEZE / D-ZOOM	TEST PATTERN	REMOTE2	ECO STANDBY	P IN P	LENS HOME	INITIAL SETTING	SIGNAL LOCK
	✔*	✔		✔		✔		✔			✔

■Notes:

・It is available in the standby mode and AUDIO IN STANDBY MODE is ON.

2.171. OPERATION IN AUDIO STANDBY [VXX:ASBI0]

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	56h	58h	58h	3Ah
Character		A	D	Z	Z	;	V	X	X	:
Hexadecimal	41h	53h	42h	49h	30h	3Dh	2Bh	*1	*3	*5
Character	A	S	B	I	0	=	+	*2	*4	*6
Hexadecimal	*7	*9	03h							
Character	*8	*10								

■Parameters(*1,*2,*3,*4,*5,*6,*7,*8,*9,*10)

	OFF					ON				
Hexadecimal	30h	30h	30h	30h	30h	30h	30h	30h	30h	31h
Character	0	0	0	0	0	0	0	0	0	1

■Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	56h	58h	58h	3Ah	41h	53h	42h	49h	30h
Character		V	X	X	:	A	S	B	I	0
Hexadecimal	3Dh	2Bh	*1	*3	*5	*7	*9	03h		
Character	=	+	*2	*4	*6	*8	*10			

Acceptability

SECURITY	STANDBY	NO SIGNAL	SHUTTER	FREEZE / D-ZOOM	TEST PATTERN	REMOTE2	ECO STANDBY	P IN P	LENS HOME	INITIAL SETTING	SIGNAL LOCK
	✔	✔	✔	✔	✔	✔		✔			✔

2.172. AUDIO INPUT SELECT [VXX:AINI]

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	56h	58h	58h	3Ah
Character		A	D	Z	Z	;	V	X	X	:
Hexadecimal	41h	49h	4Eh	49h	*1	3Dh	2Bh	*3	*5	*7
Character	A	I	N	I	*2	=	+	*4	*6	*8
Hexadecimal	*9	*11	03h							
Character	*10	*12								

■Parameters(*1,*2)

	RGB1	RGB2	DVI	HDMI	VIDEO	DIGITAL LINK	Display Port
Hexadecimal	30h	31h	32h	33h	34h	38h	39h
Character	0	1	2	3	4	8	9

■Parameters(*3,*4,*5,*6,*7,*8,*9,*10,*11,*12)

	AUDIO IN 1					AUDIO IN 2				
Hexadecimal	30h	30h	30h	30h	30h	30h	30h	30h	30h	31h
Character	0	0	0	0	0	0	0	0	0	1
	AUDIO IN 3					HDMI AUDIO IN				
Hexadecimal	30h	30h	30h	30h	32h	30h	30h	30h	30h	33h
Character	0	0	0	0	2	0	0	0	0	3
	DIGITAL LINK AUDIO IN					Display Port AUDIO IN				
Hexadecimal	30h	30h	30h	30h	35h	30h	30h	30h	30h	36h
Character	0	0	0	0	5	0	0	0	0	6

■Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	56h	58h	58h	3Ah	41h	49h	4Eh	49h	*1
Character		V	X	X	:	A	I	N	I	*2
Hexadecimal	3Dh	2Bh	*3	*5	*7	*9	*11	03h		
Character	=	+	*4	*6	*8	*10	*12			

Acceptability

SECURITY	STANDBY	NO SIGNAL	SHUTTER	FREEZE / D-ZOOM	TEST PATTERN	REMOTE2	ECO STANDBY	P IN P	LENS HOME	INITIAL SETTING	SIGNAL LOCK

	✔	✔		✔	✔	✔		✔			✔

■Notes:
・HDMI AUDIO In can be selected in HDMI INPUT mode only
・DIGITAL LINK AUDIO In can be selected in DIGITAL LINKINPUT mode only.
・Display Port AUDIO IN can be selected in Dsplay port INPUTmode only.
・DIGITAL LINK and DisplayPort can be supported by Model Group A and C.

2.173. DATE [TSD]

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	54h	53h	44h	3Ah
Character		A	D	Z	Z	;	T	S	D	:
Hexadecimal	*y1	*y2	*y3	*y4	*m1	*m2	*d1	*d2	*w	03h
Character										

■Parameters
*y1～*y4 : Year (4 digits)
*m1～*m2 : Month (2 digits)
*d1～*d2 : Day (2 digits)
*w : Day of the week(Mon=1, Tue=2, Wed=3, Thu=4, Fri=5, Sat=6, Sun=7)
Set it by UTC (Coordinated Universal Time)
Example: Friday, December 15, 2013

	*y1	*y2	*y3	*y4	*m1	*m2	*d1	*d2	*w
Hexadecimal	32h	30h	31h	33h	31h	31h	31h	35h	35h
Character	2	0	1	3	1	1	1	5	5

■Response (Callback)
In the period when the command can be accepted

Hexadecimal	02h	54h	53h	44h	3Ah	*y1	*y2	
Character		T	S	D	:			
Hexadecimal	*y3	*y4	*m1	*m2	*d1	*d2	*w	03h
Character								

Acceptability

SECURITY	STANDBY	NO SIGNAL	SHUTTER	FREEZE / D-ZOOM	TEST PATTERN	REMOTE2	ECO STANDBY	P IN P	LENS HOME	INITIAL SETTING	SIGNAL LOCK
	✔	✔	✔	✔	✔	✔		✔			✔

■Notes:
・Set with UTC:Coordinated Universal Time.

2.174. TIME [TST]

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	54h	53h	54h	3Ah
Character		A	D	Z	Z	;	T	S	T	:
Hexadecimal	*h1	*h2	*m1	*m2	*s1	*s2	03h			
Character										

■Parameters
*h1～*h2 : Hour (2 digits)
*m1～*m2 : Minute (2 digits)
*s1～*s2 : Second (2 digits)
Set it by UTC (Coordinated Universal Time)
Example: 3 seconds at p.m. 3:45

	*h1	*h2	*m1	*m2	*s1	*s2
Hexadecimal	31h	35h	34h	35h	30h	33h
Character	1	5	4	5	0	3

■Response (Callback)
In the period when the command can be accepted

Hexadecimal	02h	54h	53h	54h	3Ah		
Character		T	S	T	:		
Hexadecimal	*h1	*h2	*m1	*m2	*s1	*s2	03h
Character							

Acceptability

SECURITY	STANDBY	NO SIGNAL	SHUTTER	FREEZE / D-ZOOM	TEST PATTERN	REMOTE2	ECO STANDBY	P IN P	LENS HOME	INITIAL SETTING	SIGNAL LOCK
	✔	✔	✔	✔	✔	✔		✔			✔

■Notes:
・Set with UTC:Coordinated Universal Time.

2.175. NTP SYNCHRONIZATION [VXX:NTPI0]

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	56h	58h	58h	3Ah
Character		A	D	Z	Z	;	V	X	X	:
Hexadecimal	4Eh	54h	50h	49h	30h	3Dh	2Bh	*1	*3	*5
Character	N	T	P	I	0	=	+	*2	*4	*6
Hexadecimal	*7	*9	03h							

Character	*8	*10	

■Parameters(*1,*2,*3,*4,*5,*6,*7,*8,*9,*10)

	OFF					ON				
Hexadecimal	30h	30h	30h	30h	30h	30h	30h	30h	30h	31h
Character	0	0	0	0	0	0	0	0	0	1

■Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	56h	58h	58h	3Ah	4Eh	54h	50h	49h	30h
Character		V	X	X	:	N	T	P	I	0
Hexadecimal	3Dh	2Bh	*1	*3	*5	*7	*9	03h		
Character	=	+	*2	*4	*6	*8	*10			

Acceptability

SECURITY	STANDBY	NO SIGNAL	SHUTTER	FREEZE / D-ZOOM	TEST PATTERN	REMOTE2	ECO STANDBY	P IN P	LENS HOME	INITIAL SETTING	SIGNAL LOCK
	✔	✔	✔	✔	✔	✔		✔			✔

2.176. LENS POSITION [VXX:LNSI1]

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	56h	58h	58h	3Ah
Character		A	D	Z	Z	;	V	X	X	:
Hexadecimal	4Ch	4Eh	53h	49h	31h	3Dh	2Dh	*1	*3	*5
Character	L	N	S	I	1	=	+	*2	*4	*6
Hexadecimal	*7	*9	03h							
Character	*8	*10								

■Parameters(*1,*2,*3,*4,*5,*6,*7,*8,*9,*10)

	EXECUTION				
Hexadecimal	30h	30h	30h	30h	31h
Character	0	0	0	0	1

■Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	56h	58h	58h	3Ah	4Ch	4Eh	53h	49h	31h
Character		V	X	X	:	L	N	S	I	1
Hexadecimal	3Dh	2Bh	*1	*3	*5	*7	*9	03h		
Character	=	+	*2	*4	*6	*8	*10			

Acceptability

SECURITY	STANDBY	NO SIGNAL	SHUTTER	FREEZE / D-ZOOM	TEST PATTERN	REMOTE2	ECO STANDBY	P IN P	LENS HOME	INITIAL SETTING	SIGNAL LOCK
		✔		✔	✔	✔		✔			✔

2.177. LENS SHIFT - HORIZONTAL [VXX:LNSI2]

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	56h	58h	58h	3Ah
Character		A	D	Z	Z	;	V	X	X	:
Hexadecimal	4Ch	4Eh	53h	49h	32h	3Dh	2Bh	*1	*3	*5
Character	L	N	S	I	2	=	+	*2	*4	*6
Hexadecimal	*7	*9	03h							
Character	*8	*10								

■Parameters(*1,*2,*3,*4,*5,*6,*7,*8,*9,*10)

	SLOW : +					SLOW : -				
Hexadecimal	30h	30h	30h	30h	30h	30h	30h	30h	30h	31h
Character	0	0	0	0	0	0	0	0	0	1
	NORMAL : +					NORMAL : -				
Hexadecimal	30h	30h	31h	30h	30h	30h	30h	31h	30h	31h
Character	0	0	1	0	0	0	0	1	0	1
	FAST : +					FAST : -				
Hexadecimal	30h	30h	32h	30h	30h	30h	30h	32h	30h	31h
Character	0	0	2	0	0	0	0	2	0	1

■Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	56h	58h	58h	3Ah	4Ch	4Eh	53h	49h	32h
Character		V	X	X	:	L	N	S	I	2
Hexadecimal	3Dh	2Bh	*1	*3	*5	*7	*9	03h		
Character	=	+	*2	*4	*6	*8	*10			

Acceptability

SECURITY	STANDBY	NO SIGNAL	SHUTTER	FREEZE / D-ZOOM	TEST PATTERN	REMOTE2	ECO STANDBY	P IN P	LENS HOME	INITIAL SETTING	SIGNAL LOCK
		✔		✔	✔	✔		✔			✔

2.178. LENS SHIFT - VERTICAL [VXX:LNSI3]

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	56h	58h	58h	3Ah

Character		A	D	Z	Z	;	V	X	X	:
Hexadecimal	4Ch	4Eh	53h	49h	33h	3Dh	2Bh	*1	*3	*5
Character	L	N	S	I	3	=	+	*2	*4	*6
Hexadecimal	*7	*9	03h							
Character	*8	*10								

■Parameters(*1,*2,*3,*4,*5,*6,*7,*8,*9,*10)

	SLOW : +					SLOW : -				
Hexadecimal	30h	30h	30h	30h	30h	30h	30h	30h	30h	31h
Character	0	0	0	0	0	0	0	0	0	1
	NORMAL : +					NORMAL : -				
Hexadecimal	30h	30h	31h	30h	30h	30h	30h	31h	30h	31h
Character	0	0	1	0	0	0	0	1	0	1
	FAST : +					FAST : -				
Hexadecimal	30h	30h	32h	30h	30h	30h	30h	32h	30h	31h
Character	0	0	2	0	0	0	0	2	0	1

■Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	56h	58h	58h	3Ah	4Ch	4Eh	53h	49h	33h
Character		V	X	X	:	L	N	S	I	3
Hexadecimal	3Dh	2Bh	*1	*3	*5	*7	*9	03h		
Character	=	+	*2	*4	*6	*8	*10			

Acceptability

SECURITY	STANDBY	NO SIGNAL	SHUTTER	FREEZE / D-ZOOM	TEST PATTERN	REMOTE2	ECO STANDBY	P IN P	LENS HOME	INITIAL SETTING	SIGNAL LOCK
		✔		✔	✔	✔		✔			✔

2.179. LENS FOCUS [VXX:LNSI4]

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	56h	58h	58h	3Ah
Character		A	D	Z	Z	;	V	X	X	:
Hexadecimal	4Ch	4Eh	53h	49h	34h	3Dh	2Bh	*1	*3	*5
Character	L	N	S	I	4	=	+	*2	*4	*6
Hexadecimal	*7	*9	03h							
Character	*8	*10								

■Parameters(*1,*2,*3,*4,*5,*6,*7,*8,*9,*10)

	SLOW : +					SLOW : -				
Hexadecimal	30h	30h	30h	30h	30h	30h	30h	30h	30h	31h
Character	0	0	0	0	0	0	0	0	0	1
	NORMAL : +					NORMAL : -				
Hexadecimal	30h	30h	31h	30h	30h	30h	30h	31h	30h	31h
Character	0	0	1	0	0	0	0	1	0	1
	FAST : +					FAST : -				
Hexadecimal	30h	30h	32h	30h	30h	30h	30h	32h	30h	31h
Character	0	0	2	0	0	0	0	2	0	1

■Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	56h	58h	58h	3Ah	4Ch	4Eh	53h	49h	34h
Character		V	X	X	:	L	N	S	I	4
Hexadecimal	3Dh	2Bh	*1	*3	*5	*7	*9	03h		
Character	=	+	*2	*4	*6	*8	*10			

Acceptability

SECURITY	STANDBY	NO SIGNAL	SHUTTER	FREEZE / D-ZOOM	TEST PATTERN	REMOTE2	ECO STANDBY	P IN P	LENS HOME	INITIAL SETTING	SIGNAL LOCK
		✔		✔	✔	✔		✔			✔

2.180. LENS ZOOM [VXX:LNSI5]

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	56h	58h	58h	3Ah
Character		A	D	Z	Z	;	V	X	X	:
Hexadecimal	4Ch	4Eh	53h	49h	35h	3Dh	2Bh	*1	*3	*5
Character	L	N	S	I	5	=	+	*2	*4	*6
Hexadecimal	*7	*9	03h							
Character	*8	*10								

■Parameters(*1,*2,*3,*4,*5,*6,*7,*8,*9,*10)

	SLOW : +					SLOW : -				
Hexadecimal	30h	30h	30h	30h	30h	30h	30h	30h	30h	31h
Character	0	0	0	0	0	0	0	0	0	1
	NORMAL : +					NORMAL : -				
Hexadecimal	30h	30h	31h	30h	30h	30h	30h	31h	30h	31h
Character	0	0	1	0	0	0	0	1	0	1
	FAST : +					FAST : -				
Hexadecimal	30h	30h	32h	30h	30h	30h	30h	32h	30h	31h

Character	0	0	2	0	0	0	0	2	0	1

■Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	56h	58h	58h	3Ah	4Ch	4Eh	53h	49h	35h
Character		V	X	X	:	L	N	S	I	5
Hexadecimal	3Dh	2Bh	*1	*3	*5	*7	*9	03h		
Character	=	+	*2	*4	*6	*8	*10			

Acceptability

SECURITY	STANDBY	NO SIGNAL	SHUTTER	FREEZE / D-ZOOM	TEST PATTERN	REMOTE2	ECO STANDBY	P IN P	LENS HOME	INITIAL SETTING	SIGNAL LOCK
		✔		✔	✔	✔		✔			✔

2.181. P IN P [OPP]

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	4Fh	50h	50h	3Ah	*1	03h
Character		A	D	Z	Z	;	O	P	P	:	*2	

■Parameters(*1,*2)

	OFF	USER1	USER2	USER3
Hexadecimal	30h	31h	32h	33h
Character	0	1	2	3

■Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	4Fh	50h	50h	3Ah	*1	03h
Character		O	P	P	:	*2	

Acceptability

SECURITY	STANDBY	NO SIGNAL	SHUTTER	FREEZE / D-ZOOM	TEST PATTERN	REMOTE2	ECO STANDBY	P IN P	LENS HOME	INITIAL SETTING	SIGNAL LOCK
	✔	✔	✔		✔	✔*		✔			✔

■Notes:

・REMOTE2 is "✔" ifINPUT is not fixed.

2.182. P IN P - MAIN WINDOW INPUT [MSI]

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	4Dh	53h	49h	3Ah
Character		A	D	Z	Z	;	M	S	I	:
Hexadecimal	*1	*3	*5	03h						
Character	*2	*4	*6							

■Parameters(*1,*2, *3, *4, *5, *6)

	RGB1			RGB2			Video			DVI		
Hexadecimal	52h	47h	31h	52h	47h	32h	56h	49h	44h	44h	56h	49h
Character	R	G	1	R	G	2	V	I	D	D	V	I
	HDMI			Display port			DIGITAL LINK					
Hexadecimal	48h	44h	31h	44h	50h	31h	44h	4Ch	31h			
Character	H	D	1	D	P	1	D	L	1			

■Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	4Dh	53h	49h	3Ah	*1	*3	*5	03h
Character		M	S	I	:	*2	*4	*6	

Acceptability

SECURITY	STANDBY	NO SIGNAL	SHUTTER	FREEZE / D-ZOOM	TEST PATTERN	REMOTE2	ECO STANDBY	P IN P	LENS HOME	INITIAL SETTING	SIGNAL LOCK
		✔	✔		✔	✔		✔			✔

■Notes:

・It returns ER402 if impossible combination of the parameter on the sub window is set.

・Parameter DisplayPort "DP1" and DIGITAL LINK "DL1" are effective only for Model Group A and C.

2.183. P IN P - MAIN WINDOW SIZE LINK [MSL]

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	4Dh	53h	4Ch	3Ah	*1	03h
Character		A	D	Z	Z	;	M	S	L	:	*2	

■Parameters(*1,*2)

	OFF	ON
Hexadecimal	30h	31h
Character	0	1

■Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	4Dh	53h	4Ch	3Ah	*1	03h
Character		M	S	L	:	*2	

Acceptability

SECURITY	STANDBY	NO SIGNAL	SHUTTER	FREEZE / D-ZOOM	TEST PATTERN	REMOTE2	ECO STANDBY	P IN P	LENS HOME	INITIAL SETTING	SIGNAL LOCK
		✔	✔		✔	✔		✔			✔

2.184. P IN P - MAIN WINDOW - VERTICAL EXPANSION RATE [MSV]

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	4Dh	53h	56h	3Ah
Character		A	D	Z	Z	;	M	S	V	:
Hexadecimal	*1	*3	*5	03h						
Character	*2	*4	*6							

■Parameters(*1,*2, *3, *4, *5, *6)

	10		11		12		13			
Hexadecimal	31h	30h	31h	31h	31h	32h	31h	33h		
Character	1	0	1	1	1	2	1	3		
	97		98		99		100			
Hexadecimal	39h	37h	39h	38h	39h	39h	31h	30h	30h	
Character	9	7	9	8	9	9	1	0	0	

■Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	4Dh	53h	56h	3Ah	*1	*3	*5	03h
Character		M	S	V	:	*2	*4	*6	

Acceptability

SECURITY	STANDBY	NO SIGNAL	SHUTTER	FREEZE / D-ZOOM	TEST PATTERN	REMOTE2	ECO STANDBY	P IN P	LENS HOME	INITIAL SETTING	SIGNAL LOCK
		✔	✔		✔	✔		✔			✔

2.185. P IN P - MAIN WINDOW - HORIZONTAL EXPANSION RATE [MSH]

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	4Dh	53h	48h	3Ah
Character		A	D	Z	Z	;	M	S	H	:
Hexadecimal	*1	*3	*5	03h						
Character	*2	*4	*6							

■Parameters(*1,*2, *3, *4, *5, *6)

	10		11		12		13			
Hexadecimal	31h	30h	31h	31h	31h	32h	31h	33h		
Character	1	0	1	1	1	2	1	3		
	97		98		99		100			
Hexadecimal	39h	37h	39h	38h	39h	39h	31h	30h	30h	
Character	9	7	9	8	9	9	1	0	0	

■Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	4Dh	53h	48h	3Ah	*1	*3	*5	03h
Character		M	S	H	:	*2	*4	*6	

Acceptability

SECURITY	STANDBY	NO SIGNAL	SHUTTER	FREEZE / D-ZOOM	TEST PATTERN	REMOTE2	ECO STANDBY	P IN P	LENS HOME	INITIAL SETTING	SIGNAL LOCK
		✔	✔		✔	✔		✔			✔

2.186. P IN P - MAIN WINDOW - HORIZ/VERT EXPANSION RATE [MSZ]

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	4Dh	53h	5Ah	3Ah
Character		A	D	Z	Z	;	M	S	Z	:
Hexadecimal	*1	*3	*5	03h						
Character	*2	*4	*6							

■Parameters(*1,*2, *3, *4, *5, *6)

	10		11		12		13			
Hexadecimal	31h	30h	31h	31h	31h	32h	31h	33h		
Character	1	0	1	1	1	2	1	3		
	97		98		99		100			
Hexadecimal	39h	37h	39h	38h	39h	39h	31h	30h	30h	
Character	9	7	9	8	9	9	1	0	0	

■Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	4Dh	53h	5Ah	3Ah	*1	*3	*5	03h
Character		M	S	Z	:	*2	*4	*6	

Acceptability

SECURITY	STANDBY	NO SIGNAL	SHUTTER	FREEZE / D-ZOOM	TEST PATTERN	REMOTE2	ECO STANDBY	P IN P	LENS HOME	INITIAL SETTING	SIGNAL LOCK
		✔	✔		✔	✔		✔			✔

2.187. P IN P - MAIN WINDOW - VERTICAL POSITION [MPV]

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	4Dh	50h	56h	3Ah
Character		A	D	Z	Z	;	M	P	V	:
Hexadecimal	*1	*3	*5	*7	03h					
Character	*2	*4	*6	*8						

■Parameters(*1,*2, *3, *4, *5, *6, *7, *8)

	-540				-539				-538			
Hexadecimal	2Dh	35h	34h	30h	2Dh	35h	33h	39h	2Dh	35h	33h	38h
Character	-	5	4	0	-	5	3	9	-	5	3	8
	+538				+539				+540			
Hexadecimal	2Bh	35h	33h	38h	2Bh	35h	33h	39h	2Bh	35h	34h	30h
Character	+	5	3	8	+	5	3	9	+	5	4	0

■Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	4Dh	50h	56h	3Ah	*1	*3	*5	*7	03h
Character		M	P	V	:	*2	*4	*6	*8	

Acceptability

SECURITY	STANDBY	NO SIGNAL	SHUTTER	FREEZE / D-ZOOM	TEST PATTERN	REMOTE2	ECO STANDBY	P IN P	LENS HOME	INITIAL SETTING	SIGNAL LOCK
		✔	✔		✔	✔		✔			✔

■Notes:

・The maximum or minimum value of parameter is depending on the models, signal and setting. It returns ER402 if improper parameter is set.

2.188. P IN P - MAIN WINDOW – HORIZONTAL POSITION [MPH]

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	4Dh	50h	48h	3Ah
Character		A	D	Z	Z	;	M	P	H	:
Hexadecimal	*1	*3	*5	*7	03h					
Character	*2	*4	*6	*8						

■Parameters(*1,*2, *3, *4, *5, *6, *7, *8)

	-864				-863				-862			
Hexadecimal	2Dh	38h	36h	34h	2Dh	38h	36h	33h	2Dh	38h	36h	32h
Character	-	8	6	4	-	8	6	3	-	8	6	2
	+862				+863				+864			
Hexadecimal	2Bh	38h	36h	32h	2Bh	38h	36h	33h	2Bh	38h	36h	34h
Character	+	8	6	2	+	8	6	3	+	8	6	4

■Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	4Dh	50h	48h	3Ah	*1	*3	*5	*7	03h
Character		M	P	H	:	*2	*4	*6	*8	

Acceptability

SECURITY	STANDBY	NO SIGNAL	SHUTTER	FREEZE / D-ZOOM	TEST PATTERN	REMOTE2	ECO STANDBY	P IN P	LENS HOME	INITIAL SETTING	SIGNAL LOCK
		✔	✔		✔	✔		✔			✔

■Notes:

・The maximum or minimum value of parameter is depending on the models, signal and setting. It returns ER402 if improper parameter is set.

2.189. P IN P - SUB WINDOW INPUT [SIS]

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	53h	49h	53h	3Ah
Character		A	D	Z	Z	;	S	I	S	:
Hexadecimal	*1	*3	*5	03h						
Character	*2	*4	*6							

■Parameters(*1,*2, *3, *4, *5, *6)

	RGB1			RGB2			Video			DVI		
Hexadecimal	52h	47h	31h	52h	47h	32h	56h	49h	44h	44h	56h	49h
Character	R	G	1	R	G	2	V	I	D	D	V	I
	HDMI			Display port			DIGITAL LINK					
Hexadecimal	48h	44h	31h	44h	50h	31h	44h	4Ch	31h			
Character	H	D	1	D	P	1	D	L	1			

■Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	53h	49h	53h	3Ah	*1	*3	*5	03h
Character		S	I	S	:	*2	*4	*6	

Acceptability

SECURITY	STANDBY	NO SIGNAL	SHUTTER	FREEZE / D-ZOOM	TEST PATTERN	REMOTE2	ECO STANDBY	P IN P	LENS HOME	INITIAL SETTING	SIGNAL LOCK
		✔	✔		✔	✔		✔			✔

■Notes:

・It returns ER402 if impossible combination of the parameter on the main window is set.

・Parameter DisplayPort “DP1” and DIGITAL LINK “DL1” are effective only for Model Group A and C.

2.190. P IN P - SUB WINDOW –SIZE-LENK [SSL]

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	53h	53h	4Ch	3Ah	*1	03h
Character		A	D	Z	Z	;	S	S	L	:	*2	

■Parameters(*1,*2)

	OFF	ON
Hexadecimal	30h	31h
Character	0	1

■Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	53h	53h	4Ch	3Ah	*1	03h
Character		S	S	L	:	*2	

Acceptability

SECURITY	STANDBY	NO SIGNAL	SHUTTER	FREEZE / D-ZOOM	TEST PATTERN	REMOTE2	ECO STANDBY	P IN P	LENS HOME	INITIAL SETTING	SIGNAL LOCK
		✔	✔		✔	✔		✔			✔

2.191. P IN P - SUB WINDOW - VERTICAL EXPANSION RATE [SSV]

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	53h	53h	56h	3Ah
Character		A	D	Z	Z	;	S	S	V	:
Hexadecimal	*1	*3	*5	03h						
Character	*2	*4	*6							

■Parameters(*1,*2, *3, *4, *5, *6)

	10		11		12		13		
Hexadecimal	31h	30h	31h	31h	31h	32h	31h	33h	
Character	1	0	1	1	1	2	1	3	
	97		98		99		100		
Hexadecimal	39h	37h	39h	38h	39h	39h	31h	30h	30h
Character	9	7	9	8	9	9	1	0	0

■Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	53h	53h	56h	3Ah	*1	*3	*5	03h
Character		S	S	V	:	*2	*4	*6	

Acceptability

SECURITY	STANDBY	NO SIGNAL	SHUTTER	FREEZE / D-ZOOM	TEST PATTERN	REMOTE2	ECO STANDBY	P IN P	LENS HOME	INITIAL SETTING	SIGNAL LOCK
		✔	✔		✔	✔		✔			✔

2.192. P IN P - SUB WINDOW - HORIZONTAL EXPANSION RATE [SSH]

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	53h	53h	48h	3Ah
Character		A	D	Z	Z	;	S	S	H	:
Hexadecimal	*1	*3	*5	03h						
Character	*2	*4	*6							

■Parameters(*1,*2, *3, *4, *5, *6)

	10		11		12		13		
Hexadecimal	31h	30h	31h	31h	31h	32h	31h	33h	
Character	1	0	1	1	1	2	1	3	
	97		98		99		100		
Hexadecimal	39h	37h	39h	38h	39h	39h	31h	30h	30h
Character	9	7	9	8	9	9	1	0	0

■Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	53h	53h	48h	3Ah	*1	*3	*5	03h
Character		S	S	H	:	*2	*4	*6	

Acceptability

SECURITY	STANDBY	NO SIGNAL	SHUTTER	FREEZE / D-ZOOM	TEST PATTERN	REMOTE2	ECO STANDBY	P IN P	LENS HOME	INITIAL SETTING	SIGNAL LOCK
		✔	✔		✔	✔		✔			✔

2.193. P IN P - SUB WINDOW - HORIZ/VERT EXPANSION RATE [SSZ]

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	53h	53h	5Ah	3Ah
Character		A	D	Z	Z	;	S	S	Z	:
Hexadecimal	*1	*3	*5	03h						
Character	*2	*4	*6							

■Parameters(*1,*2, *3, *4, *5, *6)

	10		11		12		13		
Hexadecimal	31h	30h	31h	31h	31h	32h	31h	33h	
Character	1	0	1	1	1	2	1	3	
	97		98		99		100		
Hexadecimal	39h	37h	39h	38h	39h	39h	31h	30h	30h
Character	9	7	9	8	9	9	1	0	0

■Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	53h	53h	5Ah	3Ah	*1	*3	*5	03h

Character		S	S	Z	:	*2	*4	*6	

Acceptability

SECURITY	STANDBY	NO SIGNAL	SHUTTER	FREEZE / D-ZOOM	TEST PATTERN	REMOTE2	ECO STANDBY	P IN P	LENS HOME	INITIAL SETTING	SIGNAL LOCK
		✔	✔		✔	✔		✔			✔

2.194. P IN P - SUB WINDOW - VERTICAL POSITION [SPV]

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	53h	50h	56h	3Ah
Character		A	D	Z	Z	;	S	P	V	:
Hexadecimal	*1	*3	*5	*7	03h					
Character	*2	*4	*6	*8						

■Parameters(*1,*2, *3, *4, *5, *6, *7, *8)

	-540				-539				-538			
Hexadecimal	2Dh	35h	34h	30h	2Dh	35h	33h	39h	2Dh	35h	33h	38h
Character	-	5	4	0	-	5	3	9	-	5	3	8
	+538				+539				+540			
Hexadecimal	2Bh	35h	33h	38h	2Bh	35h	33h	39h	2Bh	35h	34h	30h
Character	+	5	3	8	+	5	3	9	+	5	4	0

■Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	53h	50h	56h	3Ah	*1	*3	*5	*7	03h
Character		S	P	V	:	*2	*4	*6	*8	

Acceptability

SECURITY	STANDBY	NO SIGNAL	SHUTTER	FREEZE / D-ZOOM	TEST PATTERN	REMOTE2	ECO STANDBY	P IN P	LENS HOME	INITIAL SETTING	SIGNAL LOCK
		✔	✔		✔	✔		✔			✔

■Notes:

・The maximum or minimum value of parameter is depending on the models, signal and setting. It returns ER402 if improper parameter is set.

2.195. P IN P - SUB WINDOW - HORIZONTAL POSITION [SPH]

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	53h	50h	48h	3Ah
Character		A	D	Z	Z	;	S	P	H	:
Hexadecimal	*1	*3	*5	*7	03h					
Character	*2	*4	*6	*8						

■Parameters(*1,*2, *3, *4, *5, *6, *7, *8)

	-864				-863				-862			
Hexadecimal	2Dh	38h	36h	34h	2Dh	38h	36h	33h	2Dh	38h	36h	32h
Character	-	8	6	4	-	8	6	3	-	8	6	2
	+862				+863				+864			
Hexadecimal	2Bh	38h	36h	32h	2Bh	38h	36h	33h	2Bh	38h	36h	34h
Character	+	8	6	2	+	8	6	3	+	8	6	4

■Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	53h	50h	48h	3Ah	*1	*3	*5	*7	03h
Character		S	P	H	:	*2	*4	*6	*8	

Acceptability

SECURITY	STANDBY	NO SIGNAL	SHUTTER	FREEZE / D-ZOOM	TEST PATTERN	REMOTE2	ECO STANDBY	P IN P	LENS HOME	INITIAL SETTING	SIGNAL LOCK
		✔	✔		✔	✔		✔			✔

■Notes:

・The maximum or minimum value of parameter is depending on the models, signal and setting. It returns ER402 if improper parameter is set.

2.196. P IN P - SUB WINDOW – CLOCK PHASE [VXX:SCPI0]

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	56h	58h	58h	3Ah
Character		A	D	Z	Z	;	V	X	X	:
Hexadecimal	53h	43h	50h	49h	30h	3Dh	2Bh	*1	*3	*5
Character	S	C	P	I	0	=	+	*2	*4	*6
Hexadecimal	*7	*9	03h							
Character	*8	*10								

■Parameters(*1,*2,*3,*4,*5,*6,*7,*8,*9,*10)

	0					1				
Hexadecimal	30h	30h	30h	30h	30h	30h	30h	30h	30h	31h
Character	0	0	0	0	0	0	0	0	0	1
	30					31				
Hexadecimal	30h	30h	30h	30h	30h	30h	30h	30h	33h	31h
Character	0	0	0	3	0	0	0	0	3	1

■Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	56h	58h	58h	3Ah	53h	43h	50h	49h	30h
Character		V	X	X	:	S	C	P	I	0
Hexadecimal	3Dh	2Bh	*1	*3	*5	*7	*9	03h		
Character	=	+	*2	*4	*6	*8	*10			

Acceptability

SECURITY	STANDBY	NO SIGNAL	SHUTTER	FREEZE / D-ZOOM	TEST PATTERN	REMOTE2	ECO STANDBY	P IN P	LENS HOME	INITIAL SETTING	SIGNAL LOCK
		✔	✔		✔	✔		✔			✔

■Notes:

·It returns ER401 if no signal at sub channel.

2.197. P IN P - FRAME LOCK [PFL]

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	50h	46h	4Ch	3Ah	*1	03h
Character		A	D	Z	Z	;	P	F	L	:	*2	

■Parameters(*1,*2)

	MAIN WINDOW	SUB WINDOW
Hexadecimal	30h	31h
Character	0	1

■Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	50h	46h	4Ch	3Ah	*1	03h
Character		P	F	L	:	*2	

Acceptability

SECURITY	STANDBY	NO SIGNAL	SHUTTER	FREEZE / D-ZOOM	TEST PATTERN	REMOTE2	ECO STANDBY	P IN P	LENS HOME	INITIAL SETTING	SIGNAL LOCK
		✔	✔		✔	✔		✔			✔

2.198. P IN P - TYPE [PTP]

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	50h	54h	50h	3Ah	*1	03h
Character		A	D	Z	Z	;	P	T	P	:	*2	

■Parameters(*1,*2)

	MAIN WINDOW	SUB WINDOW
Hexadecimal	30h	31h
Character	0	1

■Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	50h	54h	50h	3Ah	*1	03h
Character		P	T	P	:	*2	

Acceptability

SECURITY	STANDBY	NO SIGNAL	SHUTTER	FREEZE / D-ZOOM	TEST PATTERN	REMOTE2	ECO STANDBY	P IN P	LENS HOME	INITIAL SETTING	SIGNAL LOCK
		✔	✔		✔	✔		✔			✔

2.199. SIGNAL REGISTER [OEM]

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	4Fh	45h	4Dh	03h
Character		A	D	Z	Z	;	O	E	M	

■Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	4Fh	45h	4Dh	03h
Character		O	E	M	

Acceptability

SECURITY	STANDBY	NO SIGNAL	SHUTTER	FREEZE / D-ZOOM	TEST PATTERN	REMOTE2	ECO STANDBY	P IN P	LENS HOME	INITIAL SETTING	SIGNAL LOCK
			✔		✔	✔		✔			✔

2.200. DELETE REGISTERED SIGNAL [ODM]

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	4Fh	44h	4Dh	3Ah
Character		A	D	Z	Z	;	O	D	M	:
Hexadecimal	*1	*3	03h							
Character	*2	*4								

■Parameters(*1,*2,*3,*4)

	A1		A2		A7		A8	
Hexadecimal	41h	31h	41h	32h	41h	37h	41h	38h
Character	A	1	A	2	A	7	A	8
	L1		L2		L7		L8	
Hexadecimal	4Ch	31h	4Ch	32h	4Ch	37h	4Ch	38h
Character	L	1	L	2	L	7	L	8

■Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	4Fh	44h	4Dh	3Ah	*1	*3	03h
Character		O	D	M	:	*2	*4	

Acceptability

SECURITY	STANDBY	NO SIGNAL	SHUTTER	FREEZE / D-ZOOM	TEST PATTERN	REMOTE2	ECO STANDBY	P IN P	LENS HOME	INITIAL SETTING	SIGNAL LOCK
		✔	✔	✔	✔	✔		✔			✔

2.201. SUB MEMORY SWITCH [OCS]

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	4Fh	43h	53h	3Ah
Character		A	D	Z	Z	;	O	C	S	:
Hexadecimal	*1	*3	03h							
Character	*2	*4								

■Parameters(*1,*2,*3,*4)

SUB MEMORY NO. (mm-nn) nn

	01		02		03		04	
Hexadecimal	30h	31h	30h	32h	30h	33h	30h	34h
Character	0	1	0	2	0	3	0	4
	93		94		95		96	
Hexadecimal	39h	33h	39h	34h	39h	35h	39h	36h
Character	9	3	9	4	9	5	9	6

■Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	4Fh	43h	53h	3Ah	*1	*3	03h
Character		O	C	S	:	*2	*4	

Acceptability

SECURITY	STANDBY	NO SIGNAL	SHUTTER	FREEZE / D-ZOOM	TEST PATTERN	REMOTE2	ECO STANDBY	P IN P	LENS HOME	INITIAL SETTING	SIGNAL LOCK
			✔		✔	✔		✔			✔

■Notes:

・It returns ER402 if the signal is not registred.

2.202. SUB MEMORY SWITCH (EXPAND) [OCS]

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	4Fh	43h	53h	3Ah
Character		A	D	Z	Z	;	O	C	S	:
Hexadecimal	*1	*3	2Dh	*5	*7	03h				
Character	*2	*4	-	*6	*8					

■Parameters

SUB MEMORY NO. (mm-nn) mm (*1,*2,*3,*4)

	01		02		03		04	
Hexadecimal	30h	31h	30h	32h	30h	33h	30h	34h
Character	0	1	0	2	0	3	0	4
	92		93		94		95	
Hexadecimal	39h	32h	39h	33h	39h	34h	39h	35h
Character	9	2	9	3	9	4	9	5

SUB MEMORY NO. (mm-nn) nn (*5,*6,*7,*8)

	01		02		03		04	
Hexadecimal	30h	31h	30h	32h	30h	33h	30h	34h
Character	0	1	0	2	0	3	0	4
	93		94		95		96	
Hexadecimal	39h	33h	39h	34h	39h	35h	39h	36h
Character	9	3	9	4	9	5	9	6

■Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	4Fh	43h	53h	3Ah	*1	*3	2Dh	*5	*7	03h
Character		O	C	S	:	*2	*4	-	*6	*8	

Acceptability

SECURITY	STANDBY	NO SIGNAL	SHUTTER	FREEZE / D-ZOOM	TEST PATTERN	REMOTE2	ECO STANDBY	P IN P	LENS HOME	INITIAL SETTING	SIGNAL LOCK
			✔		✔	✔		✔			✔

■Notes:

・It returns ER402 if the signal is not registred.

2.203. SUB MEMORY REGISTER [OES]

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	4Fh	45h	53h	03h
Character		A	D	Z	Z	;	O	E	S	

■Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	4Fh	45h	53h	03h
Character		O	E	S	

Acceptability

SECURITY	STANDBY	NO SIGNAL	SHUTTER	FREEZE / D-ZOOM	TEST PATTERN	REMOTE2	ECO STANDBY	P IN P	LENS HOME	INITIAL SETTING	SIGNAL LOCK
			✔		✔	✔		✔			✔

2.204. DELETE REGISTRED SUB MEMORY[ODS]

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	4Fh	44h	53h	3Ah
Character		A	D	Z	Z	;	O	D	S	:
Hexadecimal	*1	*3	2Dh	*5	*7	03h				
Character	*2	*4	-	*6	*8					

■Parameters

SUB MEMORY NO. (mm-nn) mm (*1,*2,*3,*4)

	01		02		03		04	
Hexadecimal	30h	31h	30h	32h	30h	33h	30h	34h
Character	0	1	0	2	0	3	0	4
	92		93		94		95	
Hexadecimal	39h	32h	39h	33h	39h	34h	39h	35h
Character	9	2	9	3	9	4	9	5

SUB MEMORY NO. (mm-nn) nn (*5,*6,*7,*8)

	01		02		03		04	
Hexadecimal	30h	31h	30h	32h	30h	33h	30h	34h
Character	0	1	0	2	0	3	0	4
	93		94		95		96	
Hexadecimal	39h	33h	39h	34h	39h	35h	39h	36h
Character	9	3	9	4	9	5	9	6

■Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	4Fh	44h	53h	3Ah	*1	*3	2Dh	*5	*7	03h
Character		O	D	S	:	*2	*4	-	*6	*8	

Acceptability

SECURITY	STANDBY	NO SIGNAL	SHUTTER	FREEZE / D-ZOOM	TEST PATTERN	REMOTE2	ECO STANDBY	P IN P	LENS HOME	INITIAL SETTING	SIGNAL LOCK
		✔	✔	✔	✔	✔		✔			✔

2.205. DIGITAL LINK MODE [VXX:DKMI1]

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	56h	58h	58h	3Ah
Character		A	D	Z	Z	;	V	X	X	:
Hexadecimal	44h	4Bh	4Dh	49h	31h	3Dh	2Bh	*1	*3	*5
Character	D	K	M	I	1	=	+	*2	*4	*6
Hexadecimal	*7	*9	03h							
Character	*8	*10								

■Parameters(*1,*2,*3,*4,*5,*6,*7,*8,*9,*10)

	AUTO					DIGITAL LINK				
Hexadecimal	30h	30h	30h	30h	30h	30h	30h	30h	30h	31h
Character	0	0	0	0	0	0	0	0	0	1
	ETHERNET									
Hexadecimal	30h	30h	30h	30h	32h					
Character	0	0	0	0	2					

■Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	56h	58h	58h	3Ah	44h	4Bh	4Dh	49h	31h
Character		V	X	X	:	D	K	M	I	1
Hexadecimal	3Dh	2Bh	*1	*3	*5	*7	*9	03h		
Character	=	+	*2	*4	*6	*8	*10			

Acceptability

SECURITY	STANDBY	NO SIGNAL	SHUTTER	FREEZE / D-ZOOM	TEST PATTERN	REMOTE2	ECO STANDBY	P IN P	LENS HOME	INITIAL SETTING	SIGNAL LOCK
	✔	✔	✔	✔	✔	✔		✔			✔

■Note

・This command is effective only for Model Group A and C.

2.206. DUPLEX(ETHERNET)[VXX:DKDI1]

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	56h	58h	58h	3Ah
Character		A	D	Z	Z	;	V	X	X	:
Hexadecimal	44h	4Bh	44h	49h	31h	3Dh	2Bh	*1	*3	*5
Character	D	K	D	I	1	=	+	*2	*4	*6
Hexadecimal	*7	*9	03h							
Character	*8	*10								

■Parameters(*1,*2,*3,*4,*5,*6,*7,*8,*9,*10)

	AUTO	100BaseTX-Full

Hexadecimal	30h	30h	30h	30h	30h	30h	30h	30h	30h	31h
Character	0	0	0	0	0	0	0	0	0	1
	100BaseTX-Half									
Hexadecimal	30h	30h	30h	30h	32h					
Character	0	0	0	0	2					

■Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	56h	58h	58h	3Ah	44h	4Bh	44h	49h	31h
Character		V	X	X	:	D	K	D	I	1
Hexadecimal	3Dh	2Bh	*1	*3	*5	*7	*9	03h		
Character	=	+	*2	*4	*6	*8	*10			

Acceptability

SECURITY	STANDBY	NO SIGNAL	SHUTTER	FREEZE / D-ZOOM	TEST PATTERN	REMOTE2	ECO STANDBY	P IN P	LENS HOME	INITIAL SETTING	SIGNAL LOCK
	✔	✔	✔	✔	✔	✔		✔			✔

■Note

・This command is effective only for Model Group A and C.

2.207. DUPLEX(DIGITAL LINK)[VXX:DKDI2]

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	56h	58h	58h	3Ah
Character		A	D	Z	Z	;	V	X	X	:
Hexadecimal	44h	4Bh	44h	49h	32h	3Dh	2Bh	*1	*3	*5
Character	D	K	D	I	2	=	+	*2	*4	*6
Hexadecimal	*7	*9	03h							
Character	*8	*10								

■Parameters(*1,*2,*3,*4,*5,*6,*7,*8,*9,*10)

	AUTO					100BaseTX-Full				
Hexadecimal	30h	30h	30h	30h	30h	30h	30h	30h	30h	31h
Character	0	0	0	0	0	0	0	0	0	1
	100BaseTX-Half									
Hexadecimal	30h	30h	30h	30h	32h					
Character	0	0	0	0	2					

■Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	56h	58h	58h	3Ah	44h	4Bh	44h	49h	32h
Character		V	X	X	:	D	K	D	I	2
Hexadecimal	3Dh	2Bh	*1	*3	*5	*7	*9	03h		
Character	=	+	*2	*4	*6	*8	*10			

Acceptability

SECURITY	STANDBY	NO SIGNAL	SHUTTER	FREEZE / D-ZOOM	TEST PATTERN	REMOTE2	ECO STANDBY	P IN P	LENS HOME	INITIAL SETTING	SIGNAL LOCK
	✔	✔	✔	✔	✔	✔		✔			✔

■Note

・This command is effective only for Model Group A and C.

2.208. PROJECTOR NAME [VXX:NCGS8]

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	56h	58h	58h	3Ah
Character		A	D	Z	Z	;	V	X	X	:
Hexadecimal	4Eh	43h	47h	53h	38h	3Dh	*1	*3	*5	*7
Character	N	C	G	S	8	=	*2	*4	*6	*8
Hexadecimal	*9	*11	*13	*15	*17	*19	*21	*23	03h	
Character	*10	*12	*14	*16	*18	*20	*22	*24		

■Parameters(*1,*2,…,*23,*24) (Alphabet Caps Character/Numeric/-/.)

	NAME					
Hexadecimal	n1h	n2h	n3h	…	n11h	n12h
Character	p1	p2	p3	…	p11	p12

■Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	56h	58h	58h	3Ah	4Eh	43h	47h	53h	38h
Character		V	X	X	:	N	C	G	S	8
Hexadecimal	3Dh	*1	*3	*5	*7	*9	*11	*13	*15	*17
Character	=	*2	*4	*6	*8	*10	*12	*14	*16	*18
Hexadecimal	*19	*21	*23	03h						
Character	*20	*22	*24							

Acceptability

SECURITY	STANDBY	NO SIGNAL	SHUTTER	FREEZE / D-ZOOM	TEST PATTERN	REMOTE2	ECO STANDBY	P IN P	LENS HOME	INITIAL SETTING	SIGNAL LOCK
	✔	✔	✔	✔	✔	✔		✔			✔

■Notes:

・Name can be set in variable length (required more than 1 characteer)

2.209. USER DATA INITIALIZE [VXX:RSTS1]

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	56h	58h	58h	3Ah
Character		A	D	Z	Z	;	V	X	X	:
Hexadecimal	52h	53h	54h	53h	31h	3Dh	*1	*3	*5	*7
Character	R	S	T	S	1	=	*2	*4	*6	*8
Hexadecimal	*9	*11	*13	*15	*17	*19	03h			
Character	*10	*12	*14	*16	*18	*20				

■Parameters(*1,*2)

	USER DATA INITIALIZE	USER DATA READ OUT
Hexadecimal	30h	31h
Character	0	1

■Parameters(*3,*4,…,*19,*20)

	PASSWORD		
Hexadecimal	X1h	…	Xnh
Character		…	

■Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	56h	58h	58h	3Ah	52h	53h	54h	53h	31h
Character		V	X	X	:	R	S	T	S	1
Hexadecimal	3Dh	X1h	…	XnH						
Character	=		…							

Acceptability

SECURITY	STANDBY	NO SIGNAL	SHUTTER	FREEZE / D-ZOOM	TEST PATTERN	REMOTE2	ECO STANDBY	P IN P	LENS HOME	INITIAL SETTING	SIGNAL LOCK
✔	✔	✔	✔	✔	✔	✔		✔			✔

■Notes:

・After the user data updating, the power will be off tempolarily.

・The password can be set in variable length.

2.210. QUERY POWER [QPW]

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	51h	50h	57h	03h
Character		A	D	Z	Z	;	Q	P	W	

■Response (Callback)

OFF

Hexadecimal	02h	30h	30h	30h	03h
Character		0	0	0	

ON

Hexadecimal	02h	30h	30h	31h	03h
Character		0	0	1	

Acceptability

SECURITY	STANDBY	NO SIGNAL	SHUTTER	FREEZE / D-ZOOM	TEST PATTERN	REMOTE2	ECO STANDBY	P IN P	LENS HOME	INITIAL SETTING	SIGNAL LOCK
✔	✔	✔	✔	✔	✔	✔	✔	✔	✔	✔	✔

2.211. QUERY FREEZE [QFZ]

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	51h	46h	5Ah	03h
Character		A	D	Z	Z	;	Q	F	Z	

■Response (Callback)

OFF

Hexadecimal	02h	30h	03h
Character		0	

ON

Hexadecimal	02h	31h	03h
Character		1	

Acceptability

SECURITY	STANDBY	NO SIGNAL	SHUTTER	FREEZE / D-ZOOM	TEST PATTERN	REMOTE2	ECO STANDBY	P IN P	LENS HOME	INITIAL SETTING	SIGNAL LOCK
✔		✔	✔	✔	✔	✔		✔	✔	✔	✔

2.212. QUERY SHUTTER [QSH]

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	51h	53h	48h	03h
Character		A	D	Z	Z	;	Q	S	H	

■Response (Callback)

OFF

Hexadecimal	02h	30h	03h
Character		0	

ON

Hexadecimal	02h	31h	03h
Character		1	

Acceptability

SECURITY	STANDBY	NO SIGNAL	SHUTTER	FREEZE / D-ZOOM	TEST PATTERN	REMOTE2	ECO STANDBY	P IN P	LENS HOME	INITIAL SETTING	SIGNAL LOCK
✔	✔	✔	✔	✔	✔	✔		✔	✔	✔	✔

■Notes:

・It operates as AV MUTE QUERY for model which does not have the shutter function.

2.213. QUERY INPUT SELECT [QIN]

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	51h	49h	4Eh	03h
Character		A	D	Z	Z	;	Q	I	N	

■Response (Callback)

RGB1

Hexadecimal	02h	52h	47h	31h	03h
Character		R	G	1	

RGB2

Hexadecimal	02h	52h	47h	32h	03h
Character		R	G	2	

VIDEO

Hexadecimal	02h	56h	49h	44h	03h
Character		V	I	D	

DVI-D

Hexadecimal	02h	44h	56h	49h	03h
Character		D	V	I	

HDMI

Hexadecimal	02h	48h	44h	31h	03h
Character		H	D	1	

Display port

Hexadecimal	02h	44h	50h	31h	03h

Character		D	P	1	

DIGITAL LINK(Not connect)

Hexadecimal	02h	44h	4Ch	31h	03h
Character		D	L	1	

DIGITAL LINK(HDMI1)

Hexadecimal	02h	44h	4Ch	31h	3Ah	48h	44h	31h	03h
Character		D	L	1	:	H	D	1	

DIGITAL LINK(HDMI2)

Hexadecimal	02h	44h	4Ch	31h	3Ah	48h	44h	32h	03h
Character		D	L	1	:	H	D	2	

DIGITAL LINK(COMPUTER1)

Hexadecimal	02h	44h	4Ch	31h	3Ah	50h	43h	31h	03h
Character		D	L	1	:	P	C	1	

DIGITAL LINK(COMPUTER2)

Hexadecimal	02h	44h	4Ch	31h	3Ah	50h	43h	32h	03h
Character		D	L	1	:	P	C	2	

DIGITAL LINK(S-VIDEO)

Hexadecimal	02h	44h	4Ch	31h	3Ah	53h	56h	44h	03h
Character		D	L	1	:	S	V	D	

DIGITAL LINK(VIDEO)

Hexadecimal	02h	44h	4Ch	31h	3Ah	56h	49h	44h	03h
Character		D	L	1	:	V	I	D	

Acceptability

SECURITY	STANDBY	NO SIGNAL	SHUTTER	FREEZE / D-ZOOM	TEST PATTERN	REMOTE2	ECO STANDBY	P IN P	LENS HOME	INITIAL SETTING	SIGNAL LOCK
✔	✔	✔	✔	✔	✔	✔		✔	✔	✔	✔

■Note

・DisplayPort and DIGITAL LINK are effective only for Model Group A and C.

2.214. QUERY ON SCREEN [QOS]

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	51h	4Fh	53h	03h
Character		A	D	Z	Z	;	Q	O	S	

■Response (Callback)

OFF

Hexadecimal	02h	30h	03h
Character		0	

ON

Hexadecimal	02h	31h	03h
Character		1	

Acceptability

SECURITY	STANDBY	NO SIGNAL	SHUTTER	FREEZE / D-ZOOM	TEST PATTERN	REMOTE2	ECO STANDBY	P IN P	LENS HOME	INITIAL SETTING	SIGNAL LOCK
✔		✔	✔	✔	✔	✔		✔	✔	✔	✔

2.215. QUERY TEST PATTERN [QTS]

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	51h	54h	53h	03h
Character		A	D	Z	Z	;	Q	T	S	

■Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	*1	*3	03h
Character		*2	*4	

Acceptability

SECURITY	STANDBY	NO SIGNAL	SHUTTER	FREEZE / D-ZOOM	TEST PATTERN	REMOTE2	ECO STANDBY	P IN P	LENS HOME	INITIAL SETTING	SIGNAL LOCK
✔		✔	✔	✔	✔	✔		✔	✔	✔	✔

■Parameters(*1,*2,*3,*4)

	OFF		WHITE		BLACK		FLAG		RVERSED FLAG	
Hexadecimal	30h	30h	30h	31h	30h	32h	30h	33h	30h	34h
Character	0	0	0	1	0	2	0	3	0	4
	1% WINDOW		1% REVERSED WINDOW		FOCUS(White)		COLOR BAR(V)		RAMP	
Hexadecimal	30h	35h	30h	36h	30h	37h	30h	38h	30h	39h
Character	0	5	0	6	0	7	0	8	0	9
	CONVERGENCE		CHROSSHATCH 1		CHROSSHATCH 2		DOT		10% LIMNANCE	
Hexadecimal	31h	31h	31h	38h	31h	39h	32h	31h	32h	35h
Character	1	1	1	8	1	9	2	1	2	5
	RED		GREEN		BLUE		SYAN		MAGENTA	
Hexadecimal	32h	32h	32h	33h	32h	34h	32h	38h	32h	39h
Character	2	2	2	3	2	4	2	8	2	9

	YELLOW		COLOR BAR(H)		APL 70% CROSS		20%LIMINANCE		30%LUMINANCE	
Hexadecimal	33h	30h	35h	31h	35h	32h	35h	33h	35h	34h
Character	3	0	5	1	5	2	5	3	5	4
	16:9/4:3		GRADATION 1		GRADATION 2		GRADATION 3		GRADATION 4	
Hexadecimal	35h	39h	36h	30h	36h	31h	36h	32h	36h	33h
Character	5	9	6	0	6	1	6	2	6	3
	50%LIMINANCE									
Hexadecimal	36h	35h								
Character	6	5								

2.216. QUERY VIDEO MODE[QPM]

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	51h	50h	4Dh	03h
Character		A	D	Z	Z	;	Q	P	M	

■Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	*1	*3	*5	03h
Character		*2	*4	*6	

Acceptability

SECURITY	STANDBY	NO SIGNAL	SHUTTER	FREEZE / D-ZOOM	TEST PATTERN	REMOTE2	ECO STANDBY	P IN P	LENS HOME	INITIAL SETTING	SIGNAL LOCK
✔		✔	✔	✔	✔	✔		✔	✔	✔	✔

■Parameters(*1,*2,*3,*4,*5,*6)

	NATURAL			STANDARD			DYNAMIC		
Hexadecimal	4Eh	41h	54h	53h	54h	44h	44h	59h	4Eh
Character	N	A	T	S	T	D	D	Y	N
	CINEMA			SIMPLE DICOM					
Hexadecimal	43h	49h	4Eh	44h	49h	43h			
Character	C	I	N	D	I	C			

2.217. QUERY PICTURE(CONTRAST)[QVR]

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	51h	56h	52h	03h
Character		A	D	Z	Z	;	Q	V	R	

■Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	*1	*3	*5	03h
Character		*2	*4	*6	

Acceptability

SECURITY	STANDBY	NO SIGNAL	SHUTTER	FREEZE / D-ZOOM	TEST PATTERN	REMOTE2	ECO STANDBY	P IN P	LENS HOME	INITIAL SETTING	SIGNAL LOCK
✔			✔	✔	✔	✔		✔	✔	✔	✔

■Parameters(*1,*2,*3,*4,*5,*6)

	-31			-30			-29		
Hexadecimal	30h	30h	31h	30h	30h	32h	30h	30h	33h
Character	0	0	1	0	0	2	0	0	3
	+29			+30			+31		
Hexadecimal	30h	36h	31h	30h	36h	32h	30h	36h	33h
Character	0	6	1	0	6	2	0	6	3

2.218. QUERY BLACK LEVEL(BRIGHTNESS) [QVB]

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	51h	56h	42h	03h
Character		A	D	Z	Z	;	Q	V	B	

■Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	*1	*3	*5	03h
Character		*2	*4	*6	

Acceptability

SECURITY	STANDBY	NO SIGNAL	SHUTTER	FREEZE / D-ZOOM	TEST PATTERN	REMOTE2	ECO STANDBY	P IN P	LENS HOME	INITIAL SETTING	SIGNAL LOCK
✔			✔	✔	✔	✔		✔	✔	✔	✔

■Parameters(*1,*2,*3,*4,*5,*6)

	-31			-30			-29		
Hexadecimal	30h	30h	31h	30h	30h	32h	30h	30h	33h
Character	0	0	1	0	0	2	0	0	3
	+29			+30			+31		
Hexadecimal	30h	36h	31h	30h	36h	32h	30h	36h	33h
Character	0	6	1	0	6	2	0	6	3

2.219. QUERY COLOR[QVC]

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	51h	56h	43h	03h

Character		A	D	Z	Z	;	Q	V	C	

■Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	*1	*3	*5	03h
Character		*2	*4	*6	

Acceptability

SECURITY	STANDBY	NO SIGNAL	SHUTTER	FREEZE / D-ZOOM	TEST PATTERN	REMOTE2	ECO STANDBY	P IN P	LENS HOME	INITIAL SETTING	SIGNAL LOCK
✔			✔	✔	✔	✔		✔	✔	✔	✔

■Parameters(*1,*2,*3,*4,*5,*6)

	-31			-30			-29		
Hexadecimal	30h	30h	31h	30h	30h	32h	30h	30h	33h
Character	0	0	1	0	0	2	0	0	3
	+29			+30			+31		
Hexadecimal	30h	36h	31h	30h	36h	32h	30h	36h	33h
Character	0	6	1	0	6	2	0	6	3

2.220. QUERY TINT [QVT]

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	51h	56h	54h	03h
Character		A	D	Z	Z	;	Q	V	T	

■Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	*1	*3	*5	03h
Character		*2	*4	*6	

Acceptability

SECURITY	STANDBY	NO SIGNAL	SHUTTER	FREEZE / D-ZOOM	TEST PATTERN	REMOTE2	ECO STANDBY	P IN P	LENS HOME	INITIAL SETTING	SIGNAL LOCK
✔			✔	✔	✔	✔		✔	✔	✔	✔

■Parameters(*1,*2,*3,*4,*5,*6)

	-31			-30			-29		
Hexadecimal	30h	30h	31h	30h	30h	32h	30h	30h	33h
Character	0	0	1	0	0	2	0	0	3
	+29			+30			+31		
Hexadecimal	30h	36h	31h	30h	36h	32h	30h	36h	33h
Character	0	6	1	0	6	2	0	6	3

2.221. QUERY COLOR TEMPERATURE [QTE]

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	51h	54h	45h	03h
Character		A	D	Z	Z	;	Q	T	E	

■Response (Callback)

LOW

Hexadecimal	02h	30h	03h
Character		0	

HIGH

Hexadecimal	02h	32h	03h
Character		2	

USER

Hexadecimal	02h	34h	03h
Character		4	

DEFAULT

Hexadecimal	02h	31h	30h	03h
Character		1	0	

Acceptability

SECURITY	STANDBY	NO SIGNAL	SHUTTER	FREEZE / D-ZOOM	TEST PATTERN	REMOTE2	ECO STANDBY	P IN P	LENS HOME	INITIAL SETTING	SIGNAL LOCK
✔		✔	✔	✔	✔	✔		✔	✔	✔	✔

2.222. QUERY WHITE BALANCE LOW – RED [QOR]

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	51h	4Fh	52h	03h
Character		A	D	Z	Z	;	Q	O	R	

■Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	*1	*3	*5	03h
Character		*2	*4	*6	

Acceptability

SECURITY	STANDBY	NO SIGNAL	SHUTTER	FREEZE / D-ZOOM	TEST PATTERN	REMOTE2	ECO STANDBY	P IN P	LENS HOME	INITIAL SETTING	SIGNAL LOCK
✔		✔	✔	✔	✔	✔		✔	✔	✔	✔

■Parameters(*1,*2,*3,*4,*5,*6)

	-127			-126			-125		
Hexadecimal	30h	30h	31h	30h	30h	32h	30h	30h	33h
Character	0	0	1	0	0	2	0	0	3
	125			126			127		
Hexadecimal	32h	35h	33h	32h	35h	34h	32h	35h	35h
Character	2	5	3	2	5	4	2	5	5

2.223. QUERY WHITE BALANCE LOW – GREEN [QOG]

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	51h	4Fh	47h	03h
Character		A	D	Z	Z	;	Q	O	G	

■Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	*1	*3	*5	03h
Character		*2	*4	*6	

Acceptability

SECURITY	STANDBY	NO SIGNAL	SHUTTER	FREEZE / D-ZOOM	TEST PATTERN	REMOTE2	ECO STANDBY	P IN P	LENS HOME	INITIAL SETTING	SIGNAL LOCK
✔		✔	✔	✔	✔	✔		✔	✔	✔	✔

■Parameters(*1,*2,*3,*4,*5,*6)

	-127			-126			-125		
Hexadecimal	30h	30h	31h	30h	30h	32h	30h	30h	33h
Character	0	0	1	0	0	2	0	0	3
	125			126			127		
Hexadecimal	32h	35h	33h	32h	35h	34h	32h	35h	35h
Character	2	5	3	2	5	4	2	5	5

2.224. QUERY WHITE BALANCE LOW – BLUE [QOB]

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	51h	4Fh	42h	03h
Character		A	D	Z	Z	;	Q	O	B	

■Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	*1	*3	*5	03h
Character		*2	*4	*6	

Acceptability

SECURITY	STANDBY	NO SIGNAL	SHUTTER	FREEZE / D-ZOOM	TEST PATTERN	REMOTE2	ECO STANDBY	P IN P	LENS HOME	INITIAL SETTING	SIGNAL LOCK
✔		✔	✔	✔	✔	✔		✔	✔	✔	✔

■Parameters(*1,*2,*3,*4,*5,*6)

	-127			-126			-125		
Hexadecimal	30h	30h	31h	30h	30h	32h	30h	30h	33h
Character	0	0	1	0	0	2	0	0	3
	125			126			127		
Hexadecimal	32h	35h	33h	32h	35h	34h	32h	35h	35h
Character	2	5	3	2	5	4	2	5	5

2.225. QUERY WHITE BALANCE HIGH - RED [QHR]

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	51h	48h	52h	03h
Character		A	D	Z	Z	;	Q	H	R	

■Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	*1	*3	*5	03h
Character		*2	*4	*6	

Acceptability

SECURITY	STANDBY	NO SIGNAL	SHUTTER	FREEZE / D-ZOOM	TEST PATTERN	REMOTE2	ECO STANDBY	P IN P	LENS HOME	INITIAL SETTING	SIGNAL LOCK
✔		✔	✔	✔	✔	✔		✔	✔	✔	✔

■Parameters(*1,*2,*3,*4,*5,*6)

	0			1			2		
Hexadecimal	30h	30h	30h	30h	30h	31h	30h	30h	32h
Character	0	0	0	0	0	1	0	0	2
	253			254			255		
Hexadecimal	32h	35h	33h	32h	35h	34h	32h	35h	35h
Character	2	5	3	2	5	4	2	5	5

2.226. QUERY WHITE BALANCE HIGH - GREEN [QHG]

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	51h	48h	47h	03h
Character		A	D	Z	Z	;	Q	H	G	

■Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	*1	*3	*5	03h
Character		*2	*4	*6	

Acceptability

SECURITY	STANDBY	NO SIGNAL	SHUTTER	FREEZE / D-ZOOM	TEST PATTERN	REMOTE2	ECO STANDBY	P IN P	LENS HOME	INITIAL SETTING	SIGNAL LOCK
✔		✔	✔	✔	✔	✔		✔	✔	✔	✔

■Parameters(*1,*2,*3,*4,*5,*6)

	0			1			2		
Hexadecimal	30h	30h	30h	30h	30h	31h	30h	30h	32h
Character	0	0	0	0	0	1	0	0	2
	253			254			255		
Hexadecimal	32h	35h	33h	32h	35h	34h	32h	35h	35h
Character	2	5	3	2	5	4	2	5	5

2.227. QUERY WHITE BALANCE HIGH - BLUE [QHB]

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	51h	48h	42h	03h
Character		A	D	Z	Z	;	Q	H	B	

■Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	*1	*3	*5	03h
Character		*2	*4	*6	

Acceptability

SECURITY	STANDBY	NO SIGNAL	SHUTTER	FREEZE / D-ZOOM	TEST PATTERN	REMOTE2	ECO STANDBY	P IN P	LENS HOME	INITIAL SETTING	SIGNAL LOCK
✔		✔	✔	✔	✔	✔		✔	✔	✔	✔

■Parameters(*1,*2,*3,*4,*5,*6)

	0			1			2		
Hexadecimal	30h	30h	30h	30h	30h	31h	30h	30h	32h
Character	0	0	0	0	0	1	0	0	2
	253			254			255		
Hexadecimal	32h	35h	33h	32h	35h	34h	32h	35h	35h
Character	2	5	3	2	5	4	2	5	5

2.228. QUERY NAME - COLOR TEMPERATURE USER1 NAME [QVX:NCGS1]

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	51h	56h	58h	3Ah
Character		A	D	Z	Z	;	Q	V	X	:
Hexadecimal	4Eh	43h	47h	53h	31h	03h				
Character	N	C	G	S	1					

■Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	4Eh	43h	47h	53h	31h	3Dh	*1	*3	*5	*7	*9
Character		N	C	G	S	1	=	*2	*4	*6	*8	*10
Hexadecimal	*11	*13	*15	*17	*19	*21	*23	*25	*27	*29	03h	
Character	*12	*14	*16	*18	*20	*22	*24	*26	*28	*30		

Acceptability

SECURITY	STANDBY	NO SIGNAL	SHUTTER	FREEZE / D-ZOOM	TEST PATTERN	REMOTE2	ECO STANDBY	P IN P	LENS HOME	INITIAL SETTING	SIGNAL LOCK
✔		✔	✔	✔	✔	✔		✔		✔	✔

■Parameters(*1,*2,…,*29,*30)

Ex:COLORTEMP1

	COLORTEMP1									
Hexadecimal	43h	4Fh	4Ch	4Fh	52h	54h	45h	4Dh	50h	31h
Character	C	O	L	O	R	T	E	M	P	1

■Notes:

・Name is variable length.

2.229. QUERY GAMMA PRESET NO. [QVX:GAMI1]

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	51h	56h	88h	3Ah
Character		A	D	Z	Z	;	Q	V	X	:
Hexadecimal	47h	41h	4Dh	49h	30h	03h				
Character	G	A	M	I	0					

■Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	47h	41h	4Dh	49h	30h	3Dh	2Bh
Character		G	A	M	I	0	=	+
Hexadecimal	*1	*3	*5	*7	*9	03h		
Character	*2	*4	*6	*8	*10			

Acceptability

SECURITY	STANDBY	NO SIGNAL	SHUTTER	FREEZE / D-ZOOM	TEST PATTERN	REMOTE2	ECO STANDBY	P IN P	LENS HOME	INITIAL SETTING	SIGNAL LOCK
✔		✔	✔	✔	✔	✔		✔	✔	✔	✔

■Parameters(*1,*2,*3,*4,*5,*6,*7,*8,*9,*10)

	-8						-7					
Hexadecimal	2Dh	30h	30h	30h	30h	38h	2Dh	30h	30h	30h	30h	37h
Character	-	0	0	0	0	8	-	0	0	0	0	7
	+6						+7					
Hexadecimal	2Bh	30h	30h	30h	30h	36h	2Bh	30h	30h	30h	30h	37h
Character	+	0	0	0	0	6	+	0	0	0	0	7

2.230. QUERY SHARPNESS [QVS]

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	51h	56h	53h	03h
Character		A	D	Z	Z	;	Q	V	S	

■Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	*1	*3	*5	03h
Character		*2	*4	*6	

Acceptability

SECURITY	STANDBY	NO SIGNAL	SHUTTER	FREEZE / D-ZOOM	TEST PATTERN	REMOTE2	ECO STANDBY	P IN P	LENS HOME	INITIAL SETTING	SIGNAL LOCK
✔			✔	✔	✔	✔		✔	✔	✔	✔

■Parameters(*1,*2,*3,*4,*5,*6)

	0			1			2		
Hexadecimal	30h	30h	30h	30h	30h	31h	30h	30h	32h
Character	0	0	0	0	0	1	0	0	2
	13			14			15		
Hexadecimal	30h	31h	33h	30h	31h	34h	30h	31h	35h
Character	0	1	3	0	1	4	0	1	5

2.231. QUERY NOISE REDUCTION [QNS]

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	51h	4Eh	53h	03h
Character		A	D	Z	Z	;	Q	N	S	

■Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	*1	03h
Character		*2	

Acceptability

SECURITY	STANDBY	NO SIGNAL	SHUTTER	FREEZE / D-ZOOM	TEST PATTERN	REMOTE2	ECO STANDBY	P IN P	LENS HOME	INITIAL SETTING	SIGNAL LOCK
✔			✔	✔	✔	✔		✔	✔	✔	✔

■Parameters(*1,*2)

	OFF	1	2	3
Hexadecimal	30h	31h	32h	33h
Character	0	1	2	3

2.232. QUERY DYNAMIC IRIS [QAI]

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	51h	41h	49h	03h
Character		A	D	Z	Z	;	Q	A	I	

■Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	*1	03h
Character		*2	

Acceptability

SECURITY	STANDBY	NO SIGNAL	SHUTTER	FREEZE / D-ZOOM	TEST PATTERN	REMOTE2	ECO STANDBY	P IN P	LENS HOME	INITIAL SETTING	SIGNAL LOCK
✔		✔	✔	✔	✔	✔		✔	✔	✔	✔

■Parameters(*1,*2)

	OFF	ON
Hexadecimal	30h	31h
Character	0	1

■Note

・This command is effective only for Model Group A and C.

2.233. QUERY SYSTEM DAYLIGHT VIEW [QVX:DLVI0]

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	51h	56h	88h	3Ah
Character		A	D	Z	Z	;	Q	V	X	:
Hexadecimal	44h	4Ch	56h	49h	30h	03h				
Character	D	L	V	I	0					

■Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	44h	4Ch	56h	49h	30h	3Dh	2Bh
Character		D	L	V	I	0	=	+
Hexadecimal	*1	*3	*5	*7	*9	03h		
Character	*2	*4	*6	*8	*10			

Acceptability

SECURITY	STANDBY	NO SIGNAL	SHUTTER	FREEZE / D-ZOOM	TEST PATTERN	REMOTE2	ECO STANDBY	P IN P	LENS HOME	INITIAL SETTING	SIGNAL LOCK
✔			✔	✔	✔	✔		✔	✔	✔	✔

■Parameters(*1,*2,*3,*4,*5,*6,*7,*8,*9,*10)

	OFF					AUTO					1				
Hexadecimal	30h	30h	30h	30h	30h	30h	30h	30h	30h	31h	30h	30h	30h	30h	32h
Character	0	0	0	0	0	0	0	0	0	1	0	0	0	0	2
	2					3									
Hexadecimal	30h	30h	30h	30h	33h	30h	30h	30h	30h	34h					
Character	0	0	0	0	3	0	0	0	0	4					

2.234. QUERY SYSTEM SELECTOR(VIDEO / Y/C) [QSG]

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	51h	53h	47h	03h
Character		A	D	Z	Z	;	Q	S	G	

■Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	*1	*3	*5	03h
Character		*2	*4	*6	

Acceptability

SECURITY	STANDBY	NO SIGNAL	SHUTTER	FREEZE / D-ZOOM	TEST PATTERN	REMOTE2	ECO STANDBY	P IN P	LENS HOME	INITIAL SETTING	SIGNAL LOCK
✔		✔	✔	✔	✔	✔		✔	✔	✔	✔

■Parameters(*1,*2,*3,*4,*5,*6)

	AUTO			NTSC					
Hexadecimal	41h	54h	31h	4Eh	54h	53h			
Character	A	T	1	N	T	S			
	NTSC4.43			PAL			PAL-M		
Hexadecimal	4Eh	34h	34h	50h	41h	4Ch	50h	41h	4Dh
Character	N	4	4	P	A	L	P	A	M
	PAL-N			SECAM			PAL60		
Hexadecimal	50h	41h	4Eh	53h	45h	43h	50h	36h	30h
Character	P	A	N	S	E	C	P	6	0

2.235. QUERY SYSTEM SELECTOR(RGB/DVI-D/HDMI/DIGITAL LINK/Display port) [QRF]

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	51h	52h	46h	03h
Character		A	D	Z	Z	;	Q	R	F	

■Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	*1	03h
Character		*2	

Acceptability

SECURITY	STANDBY	NO SIGNAL	SHUTTER	FREEZE / D-ZOOM	TEST PATTERN	REMOTE2	ECO STANDBY	P IN P	LENS HOME	INITIAL SETTING	SIGNAL LOCK
✔			✔	✔	✔	✔		✔	✔	✔	✔

■Parameters(*1,*2)

・RGB(VGA/480P)

	VGA60	480P(YCBCR)	480pRGB
Hexadecimal	30h	31h	33h
Character	0	1	3

・RGB(他)/DVI

	RGB	YPBPR
Hexadecimal	30h	31h
Character	0	1

・HDMI/DIGITAL LINK/Display port

	RGB	YPBPR	AUTO
Hexadecimal	30h	31h	32h
Character	0	1	2

■Notes:

・It returns ER401 if the unchangeable signal is received.

・This command is effective only for Model Group A and C.

2.236. QUERY SHIFT - HORIZONTAL [QTH]

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	51h	54h	48h	03h
Character		A	D	Z	Z	;	Q	T	H	

■Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	*1	*3	*5	*7	03h
Character		*2	*4	*6	*8	

Acceptability

SECURITY	STANDBY	NO SIGNAL	SHUTTER	FREEZE / D-ZOOM	TEST PATTERN	REMOTE2	ECO STANDBY	P IN P	LENS HOME	INITIAL SETTING	SIGNAL LOCK
✔			✔	✔	✔	✔		✔	✔	✔	✔

■Parameters(*1,*2,*3,*4,*5,*6,*7,*8)

	0				1				2			
Hexadecimal	30h	30h	30h	30h	30h	30h	30h	31h	30h	30h	30h	32h
Character	0	0	0	0	0	0	0	1	0	0	0	2
	4093				4094				4095			
Hexadecimal	34h	30h	39h	33h	34h	30h	39h	34h	34h	30h	39h	35h
Character	4	0	9	3	4	0	9	4	4	0	9	5

2.237. QUERY SHIFT - VERTICAL [QTV]

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	51h	54h	56h	03h
Character		A	D	Z	Z	;	Q	T	V	

■Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	*1	*3	*5	*7	03h
Character		*2	*4	*6	*8	

Acceptability

SECURITY	STANDBY	NO SIGNAL	SHUTTER	FREEZE / D-ZOOM	TEST PATTERN	REMOTE2	ECO STANDBY	P IN P	LENS HOME	INITIAL SETTING	SIGNAL LOCK
✔			✔	✔	✔	✔		✔	✔	✔	✔

■Parameters(*1,*2,*3,*4,*5,*6,*7,*8)

	0				1				2			
Hexadecimal	30h	30h	30h	30h	30h	30h	30h	31h	30h	30h	30h	32h
Character	0	0	0	0	0	0	0	1	0	0	0	2
	4093				4094				4095			
Hexadecimal	34h	30h	39h	33h	34h	30h	39h	34h	34h	30h	39h	35h
Character	4	0	9	3	4	0	9	4	4	0	9	5

2.238. QUERY ASPECT [QSE]

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	51h	53h	45h	03h
Character		A	D	Z	Z	;	Q	S	E	

■Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	*1	*3	03h
Character		*2	*4	

Acceptability

SECURITY	STANDBY	NO SIGNAL	SHUTTER	FREEZE / D-ZOOM	TEST PATTERN	REMOTE2	ECO STANDBY	P IN P	LENS HOME	INITIAL SETTING	SIGNAL LOCK
✔			✔	✔	✔	✔		✔	✔	✔	✔

■Parameters(*1,*2,*3,*4)

·INPUT ROUTE:VIDEO/RGB1(Y/C), INPUT SIGNAL:NTSC

	VIDAUTO	4:3	WIDE(16:9)	NATIVE(THROUGH)	FULL(HV FIT)
Hexadecimal	30h	31h	32h	35h	36h
Character	0	1	2	5	6

	H FIT	V FIT	
Hexadecimal	39h	31h	30h
Character	9	1	0

·INPUT ROUTE/INPUT SIGNAL:RGB1(RGB/YPBPR)/RGB2(480i,480p)

	AUTO	4:3	WIDE(16:9)	NATIVE(THROUGH)	FULL(HV FIT)
Hexadecimal	30h	31h	32h	35h	36h
Character	0	1	2	5	6

	H FIT	V FIT	
Hexadecimal	39h	31h	30h
Character	9	1	0

·INPUT ROUTE/INPUT SIGNAL:Other than the above.

	NORMAL	4:3	WIDE(16:9)	NATIVE(THROUGH)	FULL(HV FIT)
Hexadecimal	30h	31h	32h	35h	36h
Character	0	1	2	5	6

	H FIT	V FIT

Hexadecimal	39h	31h	30h
Character	9	1	0

2.239. QUERY ZOOM - MODE [QZT]

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	51h	5Ah	54h	03h
Character		A	D	Z	Z	;	Q	Z	T	

■Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	*1	03h
Character		*2	

Acceptability

SECURITY	STANDBY	NO SIGNAL	SHUTTER	FREEZE / D-ZOOM	TEST PATTERN	REMOTE2	ECO STANDBY	P IN P	LENS HOME	INITIAL SETTING	SIGNAL LOCK
✔			✔	✔		✔		✔	✔	✔	✔

■Parameters(*1,*2)

	INTERNAL	FULL
Hexadecimal	30h	31h
Character	0	1

■Notes:

・Effevt only ASPECT is DEFALT. It returns ER401if other is selected.

2.240. QUERY ZOOM - INTERLOCKED [QZS]

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	51h	5Ah	53h	03h
Character		A	D	Z	Z	;	Q	Z	S	

■Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	*1	03h
Character		*2	

Acceptability

SECURITY	STANDBY	NO SIGNAL	SHUTTER	FREEZE / D-ZOOM	TEST PATTERN	REMOTE2	ECO STANDBY	P IN P	LENS HOME	INITIAL SETTING	SIGNAL LOCK
✔			✔	✔		✔		✔	✔	✔	✔

■Parameters(*1,*2)

	OFF	ON
Hexadecimal	30h	31h
Character	0	1

2.241. QUERY ZOOM - VERTICAL [QZV]

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	51h	5Ah	56h	03h
Character		A	D	Z	Z	;	Q	Z	V	

■Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	*1	*3	*5	03h
Character		*2	*4	*6	

Acceptability

SECURITY	STANDBY	NO SIGNAL	SHUTTER	FREEZE / D-ZOOM	TEST PATTERN	REMOTE2	ECO STANDBY	P IN P	LENS HOME	INITIAL SETTING	SIGNAL LOCK
✔			✔	✔		✔		✔	✔	✔	✔

■Parameters(*1,*2,*3,*4,*5,*6)

	50			51			52		
Hexadecimal	30h	35h	30h	30h	35h	31h	30h	35h	32h
Character	0	5	0	0	5	1	0	5	2
	997			998			999		
Hexadecimal	39h	39h	37h	39h	39h	38h	39h	39h	39h
Character	9	9	7	9	9	8	9	9	9

2.242. QUERY ZOOM - HORIZONTAL [QZH]

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	51h	5Ah	48h	03h
Character		A	D	Z	Z	;	Q	Z	H	

■Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	*1	*3	*5	03h
Character		*2	*4	*6	

Acceptability

SECURITY	STANDBY	NO SIGNAL	SHUTTER	FREEZE / D-ZOOM	TEST PATTERN	REMOTE2	ECO STANDBY	P IN P	LENS HOME	INITIAL SETTING	SIGNAL LOCK
✔			✔	✔		✔		✔	✔	✔	✔

■Parameters(*1,*2,*3,*4,*5,*6)

	50			51			52		
Hexadecimal	30h	35h	30h	30h	35h	31h	30h	35h	32h
Character	0	5	0	0	5	1	0	5	2
	997			998			999		
Hexadecimal	39h	39h	37h	39h	39h	38h	39h	39h	39h
Character	9	9	7	9	9	8	9	9	9

2.243. QUERY ZOOM - BOTH [QZO]

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	51h	5Ah	4Fh	03h
Character		A	D	Z	Z	;	Q	Z	O	

■Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	*1	*3	*5	03h
Character		*2	*4	*6	

Acceptability

SECURITY	STANDBY	NO SIGNAL	SHUTTER	FREEZE / D-ZOOM	TEST PATTERN	REMOTE2	ECO STANDBY	P IN P	LENS HOME	INITIAL SETTING	SIGNAL LOCK
✔			✔	✔		✔		✔	✔	✔	✔

■Parameters(*1,*2,*3,*4,*5,*6)

	50			51			52		
Hexadecimal	30h	35h	30h	30h	35h	31h	30h	35h	32h
Character	0	5	0	0	5	1	0	5	2
	997			998			999		
Hexadecimal	39h	39h	37h	39h	39h	38h	39h	39h	39h
Character	9	9	7	9	9	8	9	9	9

2.244. QUERY CLOCK PHASE [QCP]

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	51h	43h	50h	03h
Character		A	D	Z	Z	;	Q	C	P	

■Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	*1	*3	*5	03h
Character		*2	*4	*6	

Acceptability

SECURITY	STANDBY	NO SIGNAL	SHUTTER	FREEZE / D-ZOOM	TEST PATTERN	REMOTE2	ECO STANDBY	P IN P	LENS HOME	INITIAL SETTING	SIGNAL LOCK
✔			✔	✔	✔	✔		✔	✔	✔	✔

Effect for RGB1/RGB2.

■Parameters(*1,*2,*3,*4,*5,*6)

	0			1			2		
Hexadecimal	30h	30h	30h	30h	30h	31h	30h	30h	32h
Character	0	0	0	0	0	1	0	0	2
	29			30			31		
Hexadecimal	30h	32h	39h	30h	33h	30h	30h	33h	31h
Character	0	2	9	0	3	0	0	3	1

2.245. QUERY DVI EQUALIZER [QVX: DEQI0]

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	51h	56h	88h	3Ah
Character		A	D	Z	Z	;	Q	V	X	:
Hexadecimal	44h	45h	51h	49h	30h	03h				
Character	D	E	Q	I	0					

■Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	44h	45h	51h	49h	30h	3Dh	2Bh
Character		D	E	Q	I	0	=	+
Hexadecimal	*1	*3	*5	*7	*9	03h		
Character	*2	*4	*6	*8	*10			

Acceptability

SECURITY	STANDBY	NO SIGNAL	SHUTTER	FREEZE / D-ZOOM	TEST PATTERN	REMOTE2	ECO STANDBY	P IN P	LENS HOME	INITIAL SETTING	SIGNAL LOCK
			✔		✔	✔		✔			

■Parameters(*1,*2,*3,*4,*5,*6,*7,*8,*9,*10)

	AUTO					LOW					MID				
Hexadecimal	30h	30h	30h	30h	30h	30h	30h	30h	30h	31h	30h	30h	30h	30h	32h
Character	0	0	0	0	0	0	0	0	0	1	0	0	0	0	2
	HIGHT														
Hexadecimal	30h	30h	30h	30h	33h										
Character	0	0	0	0	3										

■Notes:
・It is possible to accept when the service mode is selected. Accept if DVI signal exists. Others it returns ER401.

2.246. QUERY GEOMETRY – VERTICAL [QVX: GMKI1]

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	51h	56h	88h	3Ah
Character		A	D	Z	Z	;	Q	V	X	:
Hexadecimal	47h	4Dh	4Bh	49h	31h	03h				
Character	G	M	K	I	1					

■Response (Callback)
In the period when the command can be accepted

Hexadecimal	02h	47h	4Dh	4Bh	49h	31h	3Dh	2Bh
Character		G	M	K	I	1	=	+
Hexadecimal	*1	*3	*5	*7	*9	03h		
Character	*2	*4	*6	*8	*10			

Acceptability

SECURITY	STANDBY	NO SIGNAL	SHUTTER	FREEZE / D-ZOOM	TEST PATTERN	REMOTE2	ECO STANDBY	P IN P	LENS HOME	INITIAL SETTING	SIGNAL LOCK
✔	✔	✔	✔	✔	✔	✔		✔	✔	✔	✔

■Parameters(*1,*2,*3,*4,*5,*6,*7,*8,*9,*10)

	-80						-79					
Hexadecimal	2Dh	30h	30h	30h	38h	30h	2Dh	30h	30h	30h	37h	39h
Character	-	0	0	0	8	0	-	0	0	0	7	9
	+79						+80					
Hexadecimal	2Bh	30h	30h	30h	37h	39h	2Bh	30h	30h	30h	38h	30h
Character	+	0	0	0	7	9	+	0	0	0	8	0

2.247. QUERY GEOMETRY – VERTICAL [QVX: GMKI5]

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	51h	56h	88h	3Ah
Character		A	D	Z	Z	;	Q	V	X	:
Hexadecimal	47h	4Dh	4Bh	49h	35h	03h				
Character	G	M	K	I	5					

■Response (Callback)
In the period when the command can be accepted

Hexadecimal	02h	47h	4Dh	4Bh	49h	35h	3Dh	2Bh
Character		G	M	K	I	5	=	+
Hexadecimal	*1	*3	*5	*7	*9	03h		
Character	*2	*4	*6	*8	*10			

Acceptability

SECURITY	STANDBY	NO SIGNAL	SHUTTER	FREEZE / D-ZOOM	TEST PATTERN	REMOTE2	ECO STANDBY	P IN P	LENS HOME	INITIAL SETTING	SIGNAL LOCK
✔	✔	✔	✔	✔	✔	✔		✔	✔	✔	✔

■Parameters(*1,*2,*3,*4,*5,*6,*7,*8,*9,*10)

	-80						-79					
Hexadecimal	2Dh	30h	30h	30h	38h	30h	2Dh	30h	30h	30h	37h	39h
Character	-	0	0	0	8	0	-	0	0	0	7	9
	+79						+80					
Hexadecimal	2Bh	30h	30h	30h	37h	39h	2Bh	30h	30h	30h	38h	30h
Character	+	0	0	0	7	9	+	0	0	0	8	0

2.248. QUERY GEOMETRY - CORNER CORRECTION - UPPER LEFT (V) [QVX: GMFI1]

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	51h	56h	88h	3Ah
Character		A	D	Z	Z	;	Q	V	X	:
Hexadecimal	47h	4Dh	46h	49h	31h	03h				
Character	G	M	F	I	1					

■Response (Callback)
In the period when the command can be accepted

Hexadecimal	02h	47h	4Dh	46h	49h	31h	3Dh	2Bh
Character		G	M	F	I	1	=	+
Hexadecimal	*1	*3	*5	*7	*9	03h		
Character	*2	*4	*6	*8	*10			

Acceptability

SECURITY	STANDBY	NO SIGNAL	SHUTTER	FREEZE / D-ZOOM	TEST PATTERN	REMOTE2	ECO STANDBY	P IN P	LENS HOME	INITIAL SETTING	SIGNAL LOCK
✔	✔	✔	✔	✔	✔	✔		✔	✔	✔	✔

■Parameters(*1,*2,*3,*4,*5,*6,*7,*8,*9,*10)

	+0						+599					
Hexadecimal	2Bh	30h	30h	30h	30h	30h	2Bh	30h	30h	35h	39h	39h
Character	+	0	0	0	0	0	+	0	0	5	9	9

2.249. QUERY GEOMETRY - CORNER CORRECTION - UPPER RIGHT (V) [QVX: GMFI2]

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	51h	56h	88h	3Ah
Character		A	D	Z	Z	;	Q	V	X	:
Hexadecimal	47h	4Dh	46h	49h	32h	03h				
Character	G	M	F	I	2					

■Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	47h	4Dh	46h	49h	32h	3Dh	2Bh
Character		G	M	F	I	2	=	+
Hexadecimal	*1	*3	*5	*7	*9	03h		
Character	*2	*4	*6	*8	*10			

Acceptability

SECURITY	STANDBY	NO SIGNAL	SHUTTER	FREEZE / D-ZOOM	TEST PATTERN	REMOTE2	ECO STANDBY	P IN P	LENS HOME	INITIAL SETTING	SIGNAL LOCK
✔	✔	✔	✔	✔	✔	✔		✔	✔	✔	✔

■Parameters(*1,*2,*3,*4,*5,*6,*7,*8,*9,*10)

	+0						+599					
Hexadecimal	2Bh	30h	30h	30h	30h	30h	2Bh	30h	30h	35h	39h	39h
Character	+	0	0	0	0	0	+	0	0	5	9	9

2.250. QUERY GEOMETRY - CORNER CORRECTION - LOWER LEFT (V) [QVX: GMFI3]

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	51h	56h	88h	3Ah
Character		A	D	Z	Z	;	Q	V	X	:
Hexadecimal	47h	4Dh	46h	49h	33h	03h				
Character	G	M	F	I	3					

■Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	47h	4Dh	46h	49h	33h	3Dh	2Bh
Character		G	M	F	I	3	=	+
Hexadecimal	*1	*3	*5	*7	*9	03h		
Character	*2	*4	*6	*8	*10			

Acceptability

SECURITY	STANDBY	NO SIGNAL	SHUTTER	FREEZE / D-ZOOM	TEST PATTERN	REMOTE2	ECO STANDBY	P IN P	LENS HOME	INITIAL SETTING	SIGNAL LOCK
✔	✔	✔	✔	✔	✔	✔		✔	✔	✔	✔

■Parameters(*1,*2,*3,*4,*5,*6,*7,*8,*9,*10)

	-599						+0					
Hexadecimal	2Dh	30h	30h	35h	39h	39h	2Bh	30h	30h	30h	30h	30h
Character	-	0	0	5	9	9	+	0	0	0	0	0

2.251. QUERY GEOMETRY - CORNER CORRECTION - LOWER RIGHT (V) [QVX: GMFI4]

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	51h	56h	88h	3Ah
Character		A	D	Z	Z	;	Q	V	X	:
Hexadecimal	47h	4Dh	46h	49h	34h	03h				
Character	G	M	F	I	4					

■Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	47h	4Dh	46h	49h	34h	3Dh	2Bh
Character		G	M	F	I	4	=	+
Hexadecimal	*1	*3	*5	*7	*9	03h		
Character	*2	*4	*6	*8	*10			

Acceptability

SECURITY	STANDBY	NO SIGNAL	SHUTTER	FREEZE / D-ZOOM	TEST PATTERN	REMOTE2	ECO STANDBY	P IN P	LENS HOME	INITIAL SETTING	SIGNAL LOCK
✔	✔	✔	✔	✔	✔	✔		✔	✔	✔	✔

■Parameters(*1,*2,*3,*4,*5,*6,*7,*8,*9,*10)

	-599						+0					
Hexadecimal	2Dh	30h	30h	35h	39h	39h	2Bh	30h	30h	30h	30h	30h
Character	-	0	0	5	9	9	+	0	0	0	0	0

2.252. QUERY GEOMETRY - CORNER CORRECTION - UPPER LEFT (H) [QVX: GMFI6]

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	51h	56h	88h	3Ah
Character		A	D	Z	Z	;	Q	V	X	:
Hexadecimal	47h	4Dh	46h	49h	36h	03h				
Character	G	M	F	I	6					

■Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	47h	4Dh	46h	49h	36h	3Dh	2Bh

Character		G	M	F	I	6	=	+
Hexadecimal	*1	*3	*5	*7	*9	03h		
Character	*2	*4	*6	*8	*10			

Acceptability

SECURITY	STANDBY	NO SIGNAL	SHUTTER	FREEZE / D-ZOOM	TEST PATTERN	REMOTE2	ECO STANDBY	P IN P	LENS HOME	INITIAL SETTING	SIGNAL LOCK
✔	✔	✔	✔	✔	✔	✔		✔	✔	✔	✔

■Parameters(*1,*2,*3,*4,*5,*6,*7,*8,*9,*10)

	+0						+959					
Hexadecimal	2Bh	30h	30h	30h	30h	30h	2Bh	30h	30h	39h	35h	39h
Character	+	0	0	0	0	0	+	0	0	9	5	9

2.253. QUERY GEOMETRY - CORNER CORRECTION - UPPER RIGHT (H) [QVX: GMFI7]

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	51h	56h	88h	3Ah
Character		A	D	Z	Z	;	Q	V	X	:
Hexadecimal	47h	4Dh	46h	49h	37h	03h				
Character	G	M	F	I	7					

■Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	47h	4Dh	46h	49h	37h	3Dh	2Bh
Character		G	M	F	I	7	=	+
Hexadecimal	*1	*3	*5	*7	*9	03h		
Character	*2	*4	*6	*8	*10			

Acceptability

SECURITY	STANDBY	NO SIGNAL	SHUTTER	FREEZE / D-ZOOM	TEST PATTERN	REMOTE2	ECO STANDBY	P IN P	LENS HOME	INITIAL SETTING	SIGNAL LOCK
✔	✔	✔	✔	✔	✔	✔		✔	✔	✔	✔

■Parameters(*1,*2,*3,*4,*5,*6,*7,*8,*9,*10)

	-959						+0					
Hexadecimal	2Dh	30h	30h	39h	35h	39h	2Bh	30h	30h	30h	30h	30h
Character	-	0	0	9	5	9	+	0	0	0	0	0

2.254. QUERY GEOMETRY - CORNER CORRECTION - LOWER LEFT (H) [QVX: GMFI8]

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	51h	56h	88h	3Ah
Character		A	D	Z	Z	;	Q	V	X	:
Hexadecimal	47h	4Dh	46h	49h	38h	03h				
Character	G	M	F	I	8					

■Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	47h	4Dh	46h	49h	38h	3Dh	2Bh
Character		G	M	F	I	8	=	+
Hexadecimal	*1	*3	*5	*7	*9	03h		
Character	*2	*4	*6	*8	*10			

Acceptability

SECURITY	STANDBY	NO SIGNAL	SHUTTER	FREEZE / D-ZOOM	TEST PATTERN	REMOTE2	ECO STANDBY	P IN P	LENS HOME	INITIAL SETTING	SIGNAL LOCK
✔	✔	✔	✔	✔	✔	✔		✔	✔	✔	✔

■Parameters(*1,*2,*3,*4,*5,*6,*7,*8,*9,*10)

	+0						+959					
Hexadecimal	2Bh	30h	30h	30h	30h	30h	2Bh	30h	30h	39h	35h	39h
Character	+	0	0	0	0	0	+	0	0	9	5	9

2.255. QUERY GEOMETRY - CORNER CORRECTION – LOWER RIGHT (H) [QVX: GMFI9]

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	51h	56h	88h	3Ah
Character		A	D	Z	Z	;	Q	V	X	:
Hexadecimal	47h	4Dh	46h	49h	39h	03h				
Character	G	M	F	I	9					

■Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	47h	4Dh	46h	49h	39h	3Dh	2Bh
Character		G	M	F	I	9	=	+
Hexadecimal	*1	*3	*5	*7	*9	03h		
Character	*2	*4	*6	*8	*10			

Acceptability

SECURITY	STANDBY	NO SIGNAL	SHUTTER	FREEZE / D-ZOOM	TEST PATTERN	REMOTE2	ECO STANDBY	P IN P	LENS HOME	INITIAL SETTING	SIGNAL LOCK
✔	✔	✔	✔	✔	✔	✔		✔	✔	✔	✔

■Parameters(*1,*2,*3,*4,*5,*6,*7,*8,*9,*10)

	-959	+0

Hexadecimal	2Dh	30h	30h	39h	35h	39h	2Bh	30h	30h	30h	30h	30h
Character	-	0	0	9	5	9	+	0	0	0	0	0

2.256. QUERY DIGITAL CINEMA REALITY [QPD]

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	51h	50h	44h	03h
Character		A	D	Z	Z	;	Q	P	D	

■Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	*1	03h
Character		*2	

Acceptability

SECURITY	STANDBY	NO SIGNAL	SHUTTER	FREEZE / D-ZOOM	TEST PATTERN	REMOTE2	ECO STANDBY	P IN P	LENS HOME	INITIAL SETTING	SIGNAL LOCK
✔		✔	✔	✔	✔	✔		✔	✔	✔	✔

■Parameters(*1,*2)

	AUTO	OFF	30p or 25p fixed
Hexadecimal	30h	31h	32h
Character	0	1	2

2.257. QUERY BLANKING – UPPER [QLU]

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	51h	4Ch	55h	03h
Character		A	D	Z	Z	;	Q	L	U	

■Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	*1	*3	*5	03h
Character		*2	*4	*6	

Acceptability

SECURITY	STANDBY	NO SIGNAL	SHUTTER	FREEZE / D-ZOOM	TEST PATTERN	REMOTE2	ECO STANDBY	P IN P	LENS HOME	INITIAL SETTING	SIGNAL LOCK
✔			✔	✔	✔	✔		✔	✔	✔	✔

■Parameters(*1,*2,*3,*4,*5,*6)

	0			1			2		
Hexadecimal	30h	30h	30h	30h	30h	31h	30h	30h	32h
Character	0	0	0	0	0	1	0	0	2

Model WUXGA

	597			598			599		
Hexadecimal	35h	39h	37h	35h	39h	38h	35h	39h	39h
Character	5	9	7	5	9	8	5	9	9

Model WXGA

	397			398			399		
Hexadecimal	33h	39h	37h	33h	39h	38h	33h	39h	39h
Character	3	9	7	3	9	8	3	9	9

Model XGA

	381			382			383		
Hexadecimal	33h	38h	31h	33h	38h	32h	33h	38h	33h
Character	3	8	1	3	8	2	3	8	3

2.258. QUERY BLANKING – LOWER [QLB]

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	51h	4Ch	42h	03h
Character		A	D	Z	Z	;	Q	L	B	

■Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	*1	*3	*5	03h
Character		*2	*4	*6	

Acceptability

SECURITY	STANDBY	NO SIGNAL	SHUTTER	FREEZE / D-ZOOM	TEST PATTERN	REMOTE2	ECO STANDBY	P IN P	LENS HOME	INITIAL SETTING	SIGNAL LOCK
✔			✔	✔	✔	✔		✔	✔	✔	✔

■Parameters(*1,*2,*3,*4,*5,*6)

	0			1			2		
Hexadecimal	30h	30h	30h	30h	30h	31h	30h	30h	32h
Character	0	0	0	0	0	1	0	0	2

Model WUXGA

	597			598			599		
Hexadecimal	35h	39h	37h	35h	39h	38h	35h	39h	39h
Character	5	9	7	5	9	8	5	9	9

Model WXGA

	397			398			399		

Hexadecimal	33h	39h	37h	33h	39h	38h	33h	39h	39h
Character	3	9	7	3	9	8	3	9	9

Model XGA

	381			382			383		
Hexadecimal	33h	38h	31h	33h	38h	32h	33h	38h	33h
Character	3	8	1	3	8	2	3	8	3

2.259. QUERY BLANKING – LEFT [QLL]

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	51h	4Ch	4Ch	03h
Character		A	D	Z	Z	;	Q	L	L	

■Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	*1	*3	*5	03h
Character		*2	*4	*6	

Acceptability

SECURITY	STANDBY	NO SIGNAL	SHUTTER	FREEZE / D-ZOOM	TEST PATTERN	REMOTE2	ECO STANDBY	P IN P	LENS HOME	INITIAL SETTING	SIGNAL LOCK
✔			✔	✔	✔	✔		✔	✔	✔	✔

■Parameters(*1,*2,*3,*4,*5,*6)

	0			1			2		
Hexadecimal	30h	30h	30h	30h	30h	31h	30h	30h	32h
Character	0	0	0	0	0	1	0	0	2

Model WUXGA

	957			958			959		
Hexadecimal	39h	35h	37h	39h	35h	38h	39h	35h	39h
Character	9	5	7	9	5	8	9	5	9

Model WXGA

	637			638			639		
Hexadecimal	36h	33h	37h	36h	33h	38h	36h	33h	39h
Character	6	3	7	6	3	8	6	3	9

Model XGA

	509			510			511		
Hexadecimal	35h	30h	39h	35h	31h	30h	35h	31h	31h
Character	5	0	9	5	1	0	5	1	1

2.260. QUERY BLANKING – RIGHT [QLR]

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	51h	4Ch	52h	03h
Character		A	D	Z	Z	;	Q	L	R	

■Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	*1	*3	*5	03h
Character		*2	*4	*6	

Acceptability

SECURITY	STANDBY	NO SIGNAL	SHUTTER	FREEZE / D-ZOOM	TEST PATTERN	REMOTE2	ECO STANDBY	P IN P	LENS HOME	INITIAL SETTING	SIGNAL LOCK
✔			✔	✔	✔	✔		✔	✔	✔	✔

■Parameters(*1,*2,*3,*4,*5,*6)

	0			1			2		
Hexadecimal	30h	30h	30h	30h	30h	31h	30h	30h	32h
Character	0	0	0	0	0	1	0	0	2

Model WUXGA

	957			958			959		
Hexadecimal	39h	35h	37h	39h	35h	38h	39h	35h	39h
Character	9	5	7	9	5	8	9	5	9

Model WXGA

	637			638			639		
Hexadecimal	36h	33h	37h	36h	33h	38h	36h	33h	39h
Character	6	3	7	6	3	8	6	3	9

Model XGA

	509			510			511		
Hexadecimal	35h	30h	39h	35h	31h	30h	35h	31h	31h
Character	5	0	9	5	1	0	5	1	1

2.261. QUERY INPUT RESOLUTION - TOTAL DOTS [QTD]

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	51h	54h	44h	03h
Character		A	D	Z	Z	;	Q	T	D	

■Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	*1	*3	*5	*7	03h

Character		*2	*4	*6	*8	

Acceptability

SECURITY	STANDBY	NO SIGNAL	SHUTTER	FREEZE / D-ZOOM	TEST PATTERN	REMOTE2	ECO STANDBY	P IN P	LENS HOME	INITIAL SETTING	SIGNAL LOCK
✔			✔	✔	✔	✔		✔	✔	✔	✔

Effective only for RGB1/RGB2

■Parameters(*1,*2,*3,*4,*5,*6,*7,*8)

	330				331			
Hexadecimal	30h	33h	33h	30h	30h	33h	33h	31h
Character	0	3	3	0	0	3	3	1
	4095				4096			
Hexadecimal	34h	30h	39h	35h	34h	30h	39h	36h
Character	4	0	9	5	4	0	9	6

2.262. QUERY INPUT RESOLUTION - DISPLAY DOTS [QDD]

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	51h	44h	44h	03h
Character		A	D	Z	Z	;	Q	D	D	

■Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	*1	*3	*5	*7	03h
Character		*2	*4	*6	*8	

Acceptability

SECURITY	STANDBY	NO SIGNAL	SHUTTER	FREEZE / D-ZOOM	TEST PATTERN	REMOTE2	ECO STANDBY	P IN P	LENS HOME	INITIAL SETTING	SIGNAL LOCK
✔			✔	✔	✔	✔		✔	✔	✔	✔

Effective only for RGB1/RGB2

■Parameters(*1,*2,*3,*4,*5,*6,*7,*8)

	300				301			
Hexadecimal	30h	33h	30h	30h	30h	33h	30h	31h
Character	0	3	0	0	0	3	0	1
	4064				4065			
Hexadecimal	34h	30h	36h	34h	34h	30h	36h	35h
Character	4	0	6	4	4	0	6	5

2.263. QUERY INPUT RESOLUTION - TOTAL LINES [QTL]

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	51h	54h	4Ch	03h
Character		A	D	Z	Z	;	Q	T	L	

■Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	*1	*3	*5	*7	03h
Character		*2	*4	*6	*8	

Acceptability

SECURITY	STANDBY	NO SIGNAL	SHUTTER	FREEZE / D-ZOOM	TEST PATTERN	REMOTE2	ECO STANDBY	P IN P	LENS HOME	INITIAL SETTING	SIGNAL LOCK
✔			✔	✔	✔	✔		✔	✔	✔	✔

■Parameters(*1,*2,*3,*4,*5,*6,*7,*8)

	306				307			
Hexadecimal	30h	33h	30h	36h	30h	33h	30h	37h
Character	0	3	0	6	0	3	0	7
	2046				2047			
Hexadecimal	32h	30h	34h	36h	32h	30h	34h	37h
Character	2	0	4	6	2	0	4	7

2.264. QUERY INPUT RESOLUTION - DISPLAY LINES [QDL]

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	51h	44h	4Ch	03h
Character		A	D	Z	Z	;	Q	D	L	

■Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	*1	*3	*5	*7	03h
Character		*2	*4	*6	*8	

Acceptability

SECURITY	STANDBY	NO SIGNAL	SHUTTER	FREEZE / D-ZOOM	TEST PATTERN	REMOTE2	ECO STANDBY	P IN P	LENS HOME	INITIAL SETTING	SIGNAL LOCK
✔			✔	✔	✔	✔		✔	✔	✔	✔

Effective only for RGB1/RGB2

■Parameters(*1,*2,*3,*4,*5,*6,*7,*8)

	300				301			
Hexadecimal	30h	33h	30h	30h	30h	33h	30h	31h

Character	0	3	0	0	0	3	0	1
	2036				2037			
Hexadecimal	32h	30h	33h	36h	32h	30h	33h	37h
Character	2	0	3	6	2	0	3	7

2.265. UERY CLAMP POSITION [QLT]

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	51h	4Ch	54h	03h
Character		A	D	Z	Z	;	Q	L	T	

■Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	*1	*3	*5	03h
Character		*2	*4	*6	

Acceptability

SECURITY	STANDBY	NO SIGNAL	SHUTTER	FREEZE / D-ZOOM	TEST PATTERN	REMOTE2	ECO STANDBY	P IN P	LENS HOME	INITIAL SETTING	SIGNAL LOCK
✔			✔	✔	✔	✔		✔	✔	✔	✔

Effective only for RGB1/RGB2

■Parameters(*1,*2,*3,*4,*5,*6)

	1			2		
Hexadecimal	30h	30h	31h	30h	30h	32h
Character	0	0	1	0	0	2
	254			255		
Hexadecimal	32h	35h	34h	32h	35h	35h
Character	2	5	4	2	5	5

■Notes:

・It is possible to accept if RGB1 or RGB2 is selected. Other it returns ER401. (It returns ER401 if unsupported signals 480i or 576i is received.)

2.266. QUERY FRAME LOCK [QFL]

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	51h	46h	4Ch	03h
Character		A	D	Z	Z	;	Q	F	L	

■Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	*1	03h
Character		*2	

Acceptability

SECURITY	STANDBY	NO SIGNAL	SHUTTER	FREEZE / D-ZOOM	TEST PATTERN	REMOTE2	ECO STANDBY	P IN P	LENS HOME	INITIAL SETTING	SIGNAL LOCK
✔		✔	✔	✔	✔	✔		✔	✔	✔	✔

■Parameters(*1,*2)

	OFF	ON
Hexadecimal	30h	31h
Character	0	1

■Notes:

・Effect only not in service mode.

2.267. QUERY RASTER POSITION – HORIZONTAL [QRH]

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	51h	52h	48h	03h
Character		A	D	Z	Z	;	Q	R	H	

■Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	*1	*3	*5	*7	03h
Character		*2	*4	*6	*8	

Acceptability

SECURITY	STANDBY	NO SIGNAL	SHUTTER	FREEZE / D-ZOOM	TEST PATTERN	REMOTE2	ECO STANDBY	P IN P	LENS HOME	INITIAL SETTING	SIGNAL LOCK
✔			✔	✔	✔	✔		✔	✔	✔	✔

■Parameters(*1,*2,*3,*4,*5,*6,*7,*8) (+5000 is added on the returned value)

	-2048				-2047			
Hexadecimal	32h	39h	35h	32h	32h	39h	35h	33h
Character	2	9	5	2	2	9	5	3
	+2046				+2047			
Hexadecimal	37h	30h	34h	36h	37h	30h	34h	37h
Character	7	0	4	6	7	0	4	7

2.268. QUERY RASTER POSITION – VERTICAL [QRV]

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	51h	52h	56h	03h
Character		A	D	Z	Z	;	Q	R	V	

■Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	*1	*3	*5	*7	03h
Character		*2	*4	*6	*8	

Acceptability

SECURITY	STANDBY	NO SIGNAL	SHUTTER	FREEZE / D-ZOOM	TEST PATTERN	REMOTE2	ECO STANDBY	P IN P	LENS HOME	INITIAL SETTING	SIGNAL LOCK
✔			✔	✔	✔	✔		✔	✔	✔	✔

■Parameters(*1,*2,*3,*4,*5,*6,*7,*8) (+5000 is added on the returned value)

	-2048				-2047			
Hexadecimal	32h	39h	35h	32h	32h	39h	35h	33h
Character	2	9	5	2	2	9	5	3
	+2046				+2047			
Hexadecimal	37h	30h	34h	36h	37h	30h	34h	37h
Character	7	0	4	6	7	0	4	7

2.269. QUERY DISPLAY LANGUAGE [QLG]

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	51h	4Ch	47h	03h
Character		A	D	Z	Z	;	Q	L	G	

■Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	*1	*3	*5	03h
Character		*2	*4	*6	

Acceptability

SECURITY	STANDBY	NO SIGNAL	SHUTTER	FREEZE / D-ZOOM	TEST PATTERN	REMOTE2	ECO STANDBY	P IN P	LENS HOME	INITIAL SETTING	SIGNAL LOCK
✔	✔	✔	✔	✔	✔	✔		✔	✔	✔	✔

■Parameters(*1,*2,*3,*4,*5,*6)

	ENGLISH			GERMAN			FRENCH		
Hexadecimal	45h	4Eh	47h	44h	45h	55h	46h	52h	41h
Character	E	N	G	D	E	U	F	R	A
	SPANISH			ITALIAN			PORTGUSE		
Hexadecimal	45h	53h	50h	49h	54h	4Ch	50h	4Fh	52h
Character	E	S	P	I	T	L	P	O	R
	JAPANESE			CHINESE			ROSSIAN		
Hexadecimal	4Ah	50h	4Eh	43h	48h	49h	52h	55h	53h
Character	J	P	N	C	H	I	R	U	S
	KOREAN								
Hexadecimal	4Bh	4Fh	52h						
Character	K	O	R						

2.270. QUERY COLOR MATCHING [QVX:CMAI0]

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	51h	56h	58h	3Ah
Character		A	D	Z	Z	;	Q	V	X	:
Hexadecimal	43h	4Dh	41h	49h	30h	03h				
Character	C	M	A	I	0					

■Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	43h	4Dh	41h	49h	30h	3Dh	2Bh
Character		C	M	A	I	0	=	+
Hexadecimal	*1	*3	*5	*7	*9	03h		
Character	*2	*4	*6	*8	*10			

Acceptability

SECURITY	STANDBY	NO SIGNAL	SHUTTER	FREEZE / D-ZOOM	TEST PATTERN	REMOTE2	ECO STANDBY	P IN P	LENS HOME	INITIAL SETTING	SIGNAL LOCK
✔		✔	✔	✔	✔	✔		✔	✔	✔	✔

■Parameters(*1,*2,*3,*4,*5,*6,*7,*8,*9,*10)

	OFF					3COLORS					7COLORS				
Hexadecimal	30h	30h	30h	30h	30h	30h	30h	30h	30h	31h	30h	30h	30h	30h	32h
Character	0	0	0	0	0	0	0	0	0	1	0	0	0	0	2

2.271. QUERY COLOR MATCHING – 3 COLORS : RED [QMR]

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	51h	4Dh	52h	03h
Character		A	D	Z	Z	;	Q	M	R	

■Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	*1	*3	*5	*7	2Ch	*9	*11	*13	*15	2Ch
Character		*2	*4	*6	*8	,	*10	*12	*14	*16	,
Hexadecimal	*17	*19	*21	*23	03h						
Character	*18	*20	*22	*24							

Acceptability

SECURITY	STANDBY	NO SIGNAL	SHUTTER	FREEZE / D-ZOOM	TEST PATTERN	REMOTE2	ECO STANDBY	P IN P	LENS HOME	INITIAL SETTING	SIGNAL LOCK
✔		✔	✔	✔	✔	✔		✔	✔	✔	✔

■Parameters(*1,*2,*3,*4,*5,*6,*7,*8)

	R : 256				R : 2048			
Hexadecimal	30h	32h	35h	36h	32h	30h	34h	38h
Character	0	2	5	6	2	0	4	8

Parameters(*9,*10,*11*12,*13,*14,*15,*16)

	G: 0				G : 2048			
Hexadecimal	30h	30h	30h	30h	32h	30h	34h	38h
Character	0	0	0	0	2	0	4	8

Parameters(*17,*18,*19,*20,*21,*22,*23,*24)

	B : 0				B : 2048			
Hexadecimal	30h	30h	30h	30h	32h	30h	34h	38h
Character	0	0	0	0	2	0	4	8

2.272. QUERY COLOR MATCHING – 3 COLORS : GREEN [QMG]

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	51h	4Dh	47h	03h
Character		A	D	Z	Z	;	Q	M	G	

■Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	*1	*3	*5	*7	2Ch	*9	*11	*13	*15	2Ch
Character		*2	*4	*6	*8	,	*10	*12	*14	*16	,
Hexadecimal	*17	*19	*21	*23	03h						
Character	*18	*20	*22	*24							

Acceptability

SECURITY	STANDBY	NO SIGNAL	SHUTTER	FREEZE / D-ZOOM	TEST PATTERN	REMOTE2	ECO STANDBY	P IN P	LENS HOME	INITIAL SETTING	SIGNAL LOCK
✔		✔	✔	✔	✔	✔		✔	✔	✔	✔

■Parameters(*1,*2,*3,*4,*5,*6,*7,*8)

	R : 0				R : 2048			
Hexadecimal	30h	30h	30h	30h	32h	30h	34h	38h
Character	0	0	0	0	2	0	4	8

Parameters(*9,*10,*11*12,*13,*14,*15,*16)

	G: 256				G : 2048			
Hexadecimal	30h	32h	35h	36h	32h	30h	34h	38h
Character	0	2	5	6	2	0	4	8

Parameters(*17,*18,*19,*20,*21,*22,*23,*24)

	B : 0				B : 2048			
Hexadecimal	30h	30h	30h	30h	32h	30h	34h	38h
Character	0	0	0	0	2	0	4	8

2.273. QUERY COLOR MATCHING – 3 COLORS : BLUE [QMB]

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	51h	4Dh	42h	03h
Character		A	D	Z	Z	;	Q	M	B	

■Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	*1	*3	*5	*7	2Ch	*9	*11	*13	*15	2Ch
Character		*2	*4	*6	*8	,	*10	*12	*14	*16	,
Hexadecimal	*17	*19	*21	*23	03h						
Character	*18	*20	*22	*24							

Acceptability

SECURITY	STANDBY	NO SIGNAL	SHUTTER	FREEZE / D-ZOOM	TEST PATTERN	REMOTE2	ECO STANDBY	P IN P	LENS HOME	INITIAL SETTING	SIGNAL LOCK
✔		✔	✔	✔	✔	✔		✔	✔	✔	✔

■Parameters(*1,*2,*3,*4,*5,*6,*7,*8)

	R : 0				R : 2048			
Hexadecimal	30h	30h	30h	30h	32h	30h	34h	38h
Character	0	0	0	0	2	0	4	8

Parameters(*9,*10,*11*12,*13,*14,*15,*16)

	G: 0				G : 2048			
Hexadecimal	30h	30h	30h	30h	32h	30h	34h	38h
Character	0	0	0	0	2	0	4	8

Parameters(*17,*18,*19,*20,*21,*22,*23,*24)

	B : 256				B : 2048			
Hexadecimal	30h	32h	35h	36h	32h	30h	34h	38h
Character	0	2	5	6	2	0	4	8

2.274. QUERY COLOR MATCHING – 3 COLORS : WHITE [QMW]

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	51h	4Dh	57h	03h
Character		A	D	Z	Z	;	Q	M	W	

■Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	*1	*3	*5	*7	03h
Character		*2	*4	*6	*8	

Acceptability

SECURITY	STANDBY	NO SIGNAL	SHUTTER	FREEZE / D-ZOOM	TEST PATTERN	REMOTE2	ECO STANDBY	P IN P	LENS HOME	INITIAL SETTING	SIGNAL LOCK
✔		✔	✔	✔	✔	✔		✔	✔	✔	✔

■Parameters(*1,*2,*3,*4,*5,*6,*7,*8)

	256				2048			
Hexadecimal	30h	32h	35h	36h	32h	30h	34h	38h
Character	0	2	5	6	2	0	4	8

2.275. QUERY COLOR MATCHING – 3COLORS : AUTO TEST PATTERN [QVX:CATI0]

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	51h	56h	58h	3Ah
Character		A	D	Z	Z	;	Q	V	X	:
Hexadecimal	43h	41h	54h	49h	30h	03h				
Character	C	A	T	I	0					

■Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	43h	41h	54h	49h	30h	3Dh	2Bh
Character		C	A	T	I	0	=	+
Hexadecimal	*1	*3	*5	*7	*9	03h		
Character	*2	*4	*6	*8	*10			

Acceptability

SECURITY	STANDBY	NO SIGNAL	SHUTTER	FREEZE / D-ZOOM	TEST PATTERN	REMOTE2	ECO STANDBY	P IN P	LENS HOME	INITIAL SETTING	SIGNAL LOCK
✔		✔	✔	✔	✔	✔		✔	✔	✔	✔

■Parameters(*1,*2,*3,*4,*5,*6,*7,*8,*9,*10)

	OFF					ON				
Hexadecimal	30h	30h	30h	30h	30h	30h	30h	30h	30h	31h
Character	0	0	0	0	0	0	0	0	0	1

2.276. QUERY COLOR MATCHING – 7 COLORS : RED [QVX:C7CS0]

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	51h	56h	58h	3Ah
Character		A	D	Z	Z	;	Q	V	X	:
Hexadecimal	43h	37h	43h	53h	30h	03h				
Character	C	7	C	S	0					

■Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	43h	37h	43h	53h	30h	3Dh	*1	*3	*5	*7
Character		C	7	C	S	0	=	*2	*4	*6	*8
Hexadecimal	2Ch	*9	*11	*13	*15	2Ch	*17	*19	*21	*23	03h
Character	,	*10	*12	*14	*16	,	*18	*20	*22	*24	

Acceptability

SECURITY	STANDBY	NO SIGNAL	SHUTTER	FREEZE / D-ZOOM	TEST PATTERN	REMOTE2	ECO STANDBY	P IN P	LENS HOME	INITIAL SETTING	SIGNAL LOCK
✔		✔	✔	✔	✔	✔		✔	✔	✔	✔

■Parameters(*1,*2,*3,*4,*5,*6,*7,*8)

	R : 256				R : 2048			
Hexadecimal	30h	32h	35h	36h	32h	30h	34h	38h
Character	0	2	5	6	2	0	4	8

Parameters(*9,*10,*11*12,*13,*14,*15,*16)

	G: 0				G : 2048			
Hexadecimal	30h	30h	30h	30h	32h	30h	34h	38h
Character	0	0	0	0	2	0	4	8

Parameters(*17,*18,*19,*20,*21,*22,*23,*24)

	B : 0				B : 2048			
Hexadecimal	30h	30h	30h	30h	32h	30h	34h	38h
Character	0	0	0	0	2	0	4	8

2.277. QUERY COLOR MATCHING – 7 COLORS : GREEN [QVX:C7CS1]

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	51h	56h	58h	3Ah
Character		A	D	Z	Z	;	Q	V	X	:
Hexadecimal	43h	37h	43h	53h	31h	03h				
Character	C	7	C	S	1					

■Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	43h	37h	43h	53h	31h	3Dh	*1	*3	*5	*7
Character		C	7	C	S	1	=	*2	*4	*6	*8
Hexadecimal	2Ch	*9	*11	*13	*15	2Ch	*17	*19	*21	*23	03h
Character	,	*10	*12	*14	*16	,	*18	*20	*22	*24	

Acceptability

SECURITY	STANDBY	NO SIGNAL	SHUTTER	FREEZE / D-ZOOM	TEST PATTERN	REMOTE2	ECO STANDBY	P IN P	LENS HOME	INITIAL SETTING	SIGNAL LOCK
✔		✔	✔	✔	✔	✔		✔	✔	✔	✔

■Parameters(*1,*2,*3,*4,*5,*6,*7,*8)

	R : 0				R : 2048			
Hexadecimal	30h	30h	30h	30h	32h	30h	34h	38h
Character	0	0	0	0	2	0	4	8

Parameters(*9,*10,*11*12,*13,*14,*15,*16)

	G: 256				G : 2048			
Hexadecimal	30h	32h	35h	36h	32h	30h	34h	38h
Character	0	2	5	6	2	0	4	8

Parameters(*17,*18,*19,*20,*21,*22,*23,*24)

	B : 0				B : 2048			
Hexadecimal	30h	30h	30h	30h	32h	30h	34h	38h
Character	0	0	0	0	2	0	4	8

2.278. QUERY COLOR MATCHING – 7 COLORS : BLUE [QVX:C7CS2]

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	51h	56h	58h	3Ah
Character		A	D	Z	Z	;	Q	V	X	:
Hexadecimal	43h	37h	43h	53h	32h	03h				
Character	C	7	C	S	2					

■Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	43h	37h	43h	53h	32h	3Dh	*1	*3	*5	*7
Character		C	7	C	S	2	=	*2	*4	*6	*8
Hexadecimal	2Ch	*9	*11	*13	*15	2Ch	*17	*19	*21	*23	03h
Character	,	*10	*12	*14	*16	,	*18	*20	*22	*24	

Acceptability

SECURITY	STANDBY	NO SIGNAL	SHUTTER	FREEZE / D-ZOOM	TEST PATTERN	REMOTE2	ECO STANDBY	P IN P	LENS HOME	INITIAL SETTING	SIGNAL LOCK
✔		✔	✔	✔	✔	✔		✔	✔	✔	✔

■Parameters(*1,*2,*3,*4,*5,*6,*7,*8)

	R : 0				R : 2048			
Hexadecimal	30h	30h	30h	30h	32h	30h	34h	38h
Character	0	0	0	0	2	0	4	8

Parameters(*9,*10,*11*12,*13,*14,*15,*16)

	G: 0				G : 2048			
Hexadecimal	30h	30h	30h	30h	32h	30h	34h	38h
Character	0	0	0	0	2	0	4	8

Parameters(*17,*18,*19,*20,*21,*22,*23,*24)

	B : 256				B : 2048			
Hexadecimal	30h	32h	35h	36h	32h	30h	34h	38h
Character	0	2	5	6	2	0	4	8

2.279. QUERY COLOR MATCHING – 7 COLORS : CYAN [QVX:C7CS3]

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	51h	56h	58h	3Ah
Character		A	D	Z	Z	;	Q	V	X	:
Hexadecimal	43h	37h	43h	53h	33h	03h				
Character	C	7	C	S	3					

■Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	43h	37h	43h	53h	33h	3Dh	*1	*3	*5	*7
Character		C	7	C	S	3	=	*2	*4	*6	*8
Hexadecimal	2Ch	*9	*11	*13	*15	2Ch	*17	*19	*21	*23	03h
Character	,	*10	*12	*14	*16	,	*18	*20	*22	*24	

Acceptability

SECURITY	STANDBY	NO SIGNAL	SHUTTER	FREEZE / D-ZOOM	TEST PATTERN	REMOTE2	ECO STANDBY	P IN P	LENS HOME	INITIAL SETTING	SIGNAL LOCK
✔		✔	✔	✔	✔	✔		✔	✔	✔	✔

■Parameters(*1,*2,*3,*4,*5,*6,*7,*8)

	R : 0				R : 2048			
Hexadecimal	30h	30h	30h	30h	32h	30h	34h	38h
Character	0	0	0	0	2	0	4	8

Parameters(*9,*10,*11*12,*13,*14,*15,*16)

	G: 256				G : 2048			
Hexadecimal	30h	32h	35h	36h	32h	30h	34h	38h
Character	0	2	5	6	2	0	4	8

Parameters(*17,*18,*19,*20,*21,*22,*23,*24)

	B : 256				B : 2048			
Hexadecimal	30h	32h	35h	36h	32h	30h	34h	38h
Character	0	2	5	6	2	0	4	8

2.280. QUERY COLOR MATCHING – 7 COLORS : MAGENTA [QVX:C7CS4]

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	51h	56h	58h	3Ah
Character		A	D	Z	Z	;	Q	V	X	:
Hexadecimal	43h	37h	43h	53h	34h	03h				
Character	C	7	C	S	4					

■Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	43h	37h	43h	53h	34h	3Dh	*1	*3	*5	*7
Character		C	7	C	S	4	=	*2	*4	*6	*8
Hexadecimal	2Ch	*9	*11	*13	*15	2Ch	*17	*19	*21	*23	03h
Character	,	*10	*12	*14	*16	,	*18	*20	*22	*24	

Acceptability

SECURITY	STANDBY	NO SIGNAL	SHUTTER	FREEZE / D-ZOOM	TEST PATTERN	REMOTE2	ECO STANDBY	P IN P	LENS HOME	INITIAL SETTING	SIGNAL LOCK
✔		✔	✔	✔	✔	✔		✔	✔	✔	✔

■Parameters(*1,*2,*3,*4,*5,*6,*7,*8)

	R : 256				R : 2048			
Hexadecimal	30h	32h	35h	36h	32h	30h	34h	38h
Character	0	2	5	6	2	0	4	8

Parameters(*9,*10,*11*12,*13,*14,*15,*16)

	G: 0				G : 2048			
Hexadecimal	30h	30h	30h	30h	32h	30h	34h	38h
Character	0	0	0	0	2	0	4	8

Parameters(*17,*18,*19,*20,*21,*22,*23,*24)

	B : 256				B : 2048			
Hexadecimal	30h	32h	35h	36h	32h	30h	34h	38h
Character	0	2	5	6	2	0	4	8

2.281. QUERY COLOR MATCHING – 7 COLORS : YELLOW [QVX:C7CS5]

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	51h	56h	58h	3Ah
Character		A	D	Z	Z	;	Q	V	X	:
Hexadecimal	43h	37h	43h	53h	35h	03h				
Character	C	7	C	S	5					

■Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	43h	37h	43h	53h	35h	3Dh	*1	*3	*5	*7
Character		C	7	C	S	5	=	*2	*4	*6	*8
Hexadecimal	2Ch	*9	*11	*13	*15	2Ch	*17	*19	*21	*23	03h
Character	,	*10	*12	*14	*16	,	*18	*20	*22	*24	

Acceptability

SECURITY	STANDBY	NO SIGNAL	SHUTTER	FREEZE / D-ZOOM	TEST PATTERN	REMOTE2	ECO STANDBY	P IN P	LENS HOME	INITIAL SETTING	SIGNAL LOCK
✔		✔	✔	✔	✔	✔		✔	✔	✔	✔

■Parameters(*1,*2,*3,*4,*5,*6,*7,*8)

	R : 256				R : 2048			
Hexadecimal	30h	32h	35h	36h	32h	30h	34h	38h
Character	0	2	5	6	2	0	4	8

Parameters(*9,*10,*11*12,*13,*14,*15,*16)

	G: 256				G : 2048			
Hexadecimal	30h	32h	35h	36h	32h	30h	34h	38h
Character	0	2	5	6	2	0	4	8

Parameters(*17,*18,*19,*20,*21,*22,*23,*24)

	B : 0				B : 2048			
Hexadecimal	30h	30h	30h	30h	32h	30h	34h	38h
Character	0	0	0	0	2	0	4	8

2.282. QUERY COLOR MATCHING – 7 COLORS : WHITE [QVX:C7CS6]

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	51h	56h	58h	3Ah
Character		A	D	Z	Z	;	Q	V	X	:
Hexadecimal	43h	37h	43h	53h	36h	03h				

Character	C	7	C	S	6	

■Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	43h	37h	43h	53h	36h	3Dh	*1	*3	*5	*7
Character		C	7	C	S	6	=	*2	*4	*6	*8
Hexadecimal	2Ch	*9	*11	*13	*15	2Ch	*17	*19	*21	*23	03h
Character	,	*10	*12	*14	*16	,	*18	*20	*22	*24	

Acceptability

SECURITY	STANDBY	NO SIGNAL	SHUTTER	FREEZE / D-ZOOM	TEST PATTERN	REMOTE2	ECO STANDBY	P IN P	LENS HOME	INITIAL SETTING	SIGNAL LOCK
✔		✔	✔	✔	✔	✔		✔	✔	✔	✔

■Parameters(*1,*2,*3,*4,*5,*6,*7,*8)

	R : 256				R : 2048			
Hexadecimal	30h	32h	35h	36h	32h	30h	34h	38h
Character	0	2	5	6	2	0	4	8

Parameters(*9,*10,*11*12,*13,*14,*15,*16)

	G: 256				G : 2048			
Hexadecimal	30h	32h	35h	36h	32h	30h	34h	38h
Character	0	2	5	6	2	0	4	8

Parameters(*17,*18,*19,*20,*21,*22,*23,*24)

	B : 256				B : 2048			
Hexadecimal	30h	32h	35h	36h	32h	30h	34h	38h
Character	0	2	5	6	2	0	4	8

2.283. QUERY COLOR MATCHING – 7 COLORS : AUTO TEST PATTERN [QVX:CATI1]

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	51h	56h	58h	3Ah
Character		A	D	Z	Z	;	Q	V	X	:
Hexadecimal	43h	41h	54h	49h	31h	03h				
Character	C	A	T	I	1					

■Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	43h	41h	54h	49h	31h	3Dh	2Bh
Character		C	A	T	I	1	=	+
Hexadecimal	*1	*3	*5	*7	*9	03h		
Character	*2	*4	*6	*8	*10			

Acceptability

SECURITY	STANDBY	NO SIGNAL	SHUTTER	FREEZE / D-ZOOM	TEST PATTERN	REMOTE2	ECO STANDBY	P IN P	LENS HOME	INITIAL SETTING	SIGNAL LOCK
✔		✔	✔	✔	✔	✔		✔	✔	✔	✔

■Parameters(*1,*2,*3,*4,*5,*6,*7,*8,*9,*10)

	OFF					ON				
Hexadecimal	30h	30h	30h	30h	30h	30h	30h	30h	30h	31h
Character	0	0	0	0	0	0	0	0	0	1

2.284. QUERY COLOR CORRECTION [QMC]

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	51h	4Dh	43h	03h
Character		A	D	Z	Z	;	Q	M	C	

■Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	*1	03h
Character		*2	

Acceptability

SECURITY	STANDBY	NO SIGNAL	SHUTTER	FREEZE / D-ZOOM	TEST PATTERN	REMOTE2	ECO STANDBY	P IN P	LENS HOME	INITIAL SETTING	SIGNAL LOCK
✔		✔	✔	✔	✔	✔		✔	✔	✔	✔

■Parameters(*1,*2)

	OFF	USER
Hexadecimal	30h	31h
Character	0	1

2.285. QUERY COLOR CORRECTION - RED [QVX:CCRI0]

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	51h	56h	58h	3Ah
Character		A	D	Z	Z	;	Q	V	X	:
Hexadecimal	43h	43h	52h	49h	30h	03h				
Character	C	C	R	I	0					

■Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	43h	43h	52h	49h	30h	3Dh	*1	*3	*5

Character		C	C	R	I	0	=	*2	*4	*6
Hexadecimal	*7	*9	*11	03h						
Character	*8	*10	*12							

Acceptability

SECURITY	STANDBY	NO SIGNAL	SHUTTER	FREEZE / D-ZOOM	TEST PATTERN	REMOTE2	ECO STANDBY	P IN P	LENS HOME	INITIAL SETTING	SIGNAL LOCK
✔		✔	✔	✔	✔	✔		✔	✔	✔	✔

■Parameters(*1,*2,*3,*4,*5,*6,*7,*8,*9,*10,*11,*12)

	-31						-30					
Hexadecimal	2Dh	30h	30h	30h	33h	31h	2Dh	30h	30h	30h	33h	30h
Character	-	0	0	0	3	1	-	0	0	0	3	0
	30						31					
Hexadecimal	2Bh	30h	30h	30h	33h	30h	2Bh	30h	30h	30h	33h	31h
Character	+	0	0	0	3	0	+	0	0	0	3	1

2.286. QUERY COLOR CORRECTION - GREEN [QVX:CCRI1]

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	51h	56h	58h	3Ah
Character		A	D	Z	Z	;	Q	V	X	:
Hexadecimal	43h	43h	52h	49h	31h	03h				
Character	C	C	R	I	1					

■Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	43h	43h	52h	49h	31h	3Dh	*1	*3	*5
Character		C	C	R	I	1	=	*2	*4	*6
Hexadecimal	*7	*9	*11	03h						
Character	*8	*10	*12							

Acceptability

SECURITY	STANDBY	NO SIGNAL	SHUTTER	FREEZE / D-ZOOM	TEST PATTERN	REMOTE2	ECO STANDBY	P IN P	LENS HOME	INITIAL SETTING	SIGNAL LOCK
✔		✔	✔	✔	✔	✔		✔	✔	✔	✔

■Parameters(*1,*2,*3,*4,*5,*6,*7,*8,*9,*10,*11,*12)

	-31						-30					
Hexadecimal	2Dh	30h	30h	30h	33h	31h	2Dh	30h	30h	30h	33h	30h
Character	-	0	0	0	3	1	-	0	0	0	3	0
	30						31					
Hexadecimal	2Bh	30h	30h	30h	33h	30h	2Bh	30h	30h	30h	33h	31h
Character	+	0	0	0	3	0	+	0	0	0	3	1

2.287. QUERY COLOR CORRECTION - BLUE [QVX:CCRI2]

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	51h	56h	58h	3Ah
Character		A	D	Z	Z	;	Q	V	X	:
Hexadecimal	43h	43h	52h	49h	32h	03h				
Character	C	C	R	I	2					

■Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	43h	43h	52h	49h	32h	3Dh	*1	*3	*5
Character		C	C	R	I	2	=	*2	*4	*6
Hexadecimal	*7	*9	*11	03h						
Character	*8	*10	*12							

Acceptability

SECURITY	STANDBY	NO SIGNAL	SHUTTER	FREEZE / D-ZOOM	TEST PATTERN	REMOTE2	ECO STANDBY	P IN P	LENS HOME	INITIAL SETTING	SIGNAL LOCK
✔		✔	✔	✔	✔	✔		✔	✔	✔	✔

■Parameters(*1,*2,*3,*4,*5,*6,*7,*8,*9,*10,*11,*12)

	-31						-30					
Hexadecimal	2Dh	30h	30h	30h	33h	31h	2Dh	30h	30h	30h	33h	30h
Character	-	0	0	0	3	1	-	0	0	0	3	0
	30						31					
Hexadecimal	2Bh	30h	30h	30h	33h	30h	2Bh	30h	30h	30h	33h	31h
Character	+	0	0	0	3	0	+	0	0	0	3	1

2.288. QUERY COLOR CORRECTION - CYAN [QVX:CCRI3]

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	51h	56h	58h	3Ah
Character		A	D	Z	Z	;	Q	V	X	:
Hexadecimal	43h	43h	52h	49h	33h	03h				
Character	C	C	R	I	3					

■Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	43h	43h	52h	49h	33h	3Dh	*1	*3	*5

Character		C	C	R	I	3	=	*2	*4	*6
Hexadecimal	*7	*9	*11	03h						
Character	*8	*10	*12							

Acceptability

SECURITY	STANDBY	NO SIGNAL	SHUTTER	FREEZE / D-ZOOM	TEST PATTERN	REMOTE2	ECO STANDBY	P IN P	LENS HOME	INITIAL SETTING	SIGNAL LOCK
✔		✔	✔	✔	✔	✔		✔	✔	✔	✔

■Parameters(*1,*2,*3,*4,*5,*6,*7,*8,*9,*10,*11,*12)

	-31						-30					
Hexadecimal	2Dh	30h	30h	30h	33h	31h	2Dh	30h	30h	30h	33h	30h
Character	-	0	0	0	3	1	-	0	0	0	3	0
	30						31					
Hexadecimal	2Bh	30h	30h	30h	33h	30h	2Bh	30h	30h	30h	33h	31h
Character	+	0	0	0	3	0	+	0	0	0	3	1

2.289. QUERY COLOR CORRECTION - MAGENTA [QVX:CCRI4]

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	51h	56h	58h	3Ah
Character		A	D	Z	Z	;	Q	V	X	:
Hexadecimal	43h	43h	52h	49h	34h	03h				
Character	C	C	R	I	4					

■Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	43h	43h	52h	49h	34h	3Dh	*1	*3	*5
Character		C	C	R	I	4	=	*2	*4	*6
Hexadecimal	*7	*9	*11	03h						
Character	*8	*10	*12							

Acceptability

SECURITY	STANDBY	NO SIGNAL	SHUTTER	FREEZE / D-ZOOM	TEST PATTERN	REMOTE2	ECO STANDBY	P IN P	LENS HOME	INITIAL SETTING	SIGNAL LOCK
✔		✔	✔	✔	✔	✔		✔	✔	✔	✔

■Parameters(*1,*2,*3,*4,*5,*6,*7,*8,*9,*10,*11,*12)

	-31						-30					
Hexadecimal	2Dh	30h	30h	30h	33h	31h	2Dh	30h	30h	30h	33h	30h
Character	-	0	0	0	3	1	-	0	0	0	3	0
	30						31					
Hexadecimal	2Bh	30h	30h	30h	33h	30h	2Bh	30h	30h	30h	33h	31h
Character	+	0	0	0	3	0	+	0	0	0	3	1

2.290. QUERY COLOR CORRECTION - YELLOW [QVX:CCRI5]

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	51h	56h	58h	3Ah
Character		A	D	Z	Z	;	Q	V	X	:
Hexadecimal	43h	43h	52h	49h	32h	03h				
Character	C	C	R	I	5					

■Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	43h	43h	52h	49h	35h	3Dh	*1	*3	*5
Character		C	C	R	I	5	=	*2	*4	*6
Hexadecimal	*7	*9	*11	03h						
Character	*8	*10	*12							

Acceptability

SECURITY	STANDBY	NO SIGNAL	SHUTTER	FREEZE / D-ZOOM	TEST PATTERN	REMOTE2	ECO STANDBY	P IN P	LENS HOME	INITIAL SETTING	SIGNAL LOCK
✔		✔	✔	✔	✔	✔		✔	✔	✔	✔

■Parameters(*1,*2,*3,*4,*5,*6,*7,*8,*9,*10,*11,*12)

	-31						-30					
Hexadecimal	2Dh	30h	30h	30h	33h	31h	2Dh	30h	30h	30h	33h	30h
Character	-	0	0	0	3	1	-	0	0	0	3	0
	30						31					
Hexadecimal	2Bh	30h	30h	30h	33h	30h	2Bh	30h	30h	30h	33h	31h
Character	+	0	0	0	3	0	+	0	0	0	3	1

2.291. QUERY SCREEN FORMAT [QSF]

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	51h	53h	46h	03h
Character		A	D	Z	Z	;	Q	S	F	

■Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	*1	03h
Character		*2	

Acceptability

SECURITY	STANDBY	NO SIGNAL	SHUTTER	FREEZE / D-ZOOM	TEST PATTERN	REMOTE2	ECO STANDBY	P IN P	LENS HOME	INITIAL SETTING	SIGNAL LOCK
		✔	✔		✔	✔		✔			✔

■Parameters(*1,*2)

	16:10 ※1	16:9	4:3 ※2
Hexadecimal	30h	31h	32h
Character	0	1	2

※1:Available only Model WUXGA and WXGA.
※2:Available only Model WUXGA and XGA.

2.292. QUERY SCREEN POSITION - VERTICAL [QVX:VSPI0]

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	51h	56h	58h	3Ah
Character		A	D	Z	Z	;	Q	V	X	:
Hexadecimal	56h	53h	50h	49h	30h	03h				
Character	V	S	P	I	0					

■Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	56h	53h	50h	49h	30h	3Dh	*1	*3	*5
Character		V	S	P	I	0	=	*2	*4	*6
Hexadecimal	*7	*9	*11	03h						
Character	*8	*10	*12							

Acceptability

SECURITY	STANDBY	NO SIGNAL	SHUTTER	FREEZE / D-ZOOM	TEST PATTERN	REMOTE2	ECO STANDBY	P IN P	LENS HOME	INITIAL SETTING	SIGNAL LOCK
		✔	✔		✔	✔		✔			✔

■Parameters(*1,*2,*3,*4,*5,*6,*7,*8,*9,*10,*11,*12)

Model WUXGA SCREEN FORMAT is 16:9

	-60						-59					
Hexadecimal	2Dh	30h	30h	30h	36h	30h	2Dh	30h	30h	30h	35h	39h
Character	-	0	0	0	6	0	-	0	0	0	5	9
	59						60					
Hexadecimal	2Bh	30h	30h	30h	35h	39h	2Bh	30h	30h	30h	30h	30h
Character	+	0	0	0	5	9	+	0	0	0	6	0

Model WXGA SCREEN FORMAT is 16:9

	-40						-39					
Hexadecimal	2Dh	30h	30h	30h	34h	30h	2Dh	30h	30h	30h	33h	39h
Character	-	0	0	0	4	0	-	0	0	0	3	9
	39						40					
Hexadecimal	2Bh	30h	30h	30h	33h	39h	2Bh	30h	30h	30h	34h	30h
Character	+	0	0	0	3	9	+	0	0	0	4	0

Model XGA SCREEN FORMAT is 16:9

	-96						-95					
Hexadecimal	2Dh	30h	30h	30h	39h	36h	2Dh	30h	30h	30h	39h	35h
Character	-	0	0	0	9	6	-	0	0	0	9	5
	95						96					
Hexadecimal	2Bh	30h	30h	30h	39h	35h	2Bh	30h	30h	30h	39h	36h
Character	+	0	0	0	9	5	+	0	0	0	9	6

■Notes:

・For Model WUXGA, it returns ER401 if screen format is 4:3 or 16:10.
・For Model WXGA, it returns ER401 if screen format is16:10.
・For Model XGA, it returns ER401 if screen format is 4:3.

2.293. QUERY SCREEN POSITION – HORIZONTAL [QVX:HSPI0]

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	51h	56h	58h	3Ah
Character		A	D	Z	Z	;	Q	V	X	:
Hexadecimal	48h	53h	50h	49h	30h	03h				
Character	H	S	P	I	0					

■Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	48h	53h	50h	49h	30h	3Dh	*1	*3	*5
Character		H	S	P	I	0	=	*2	*4	*6
Hexadecimal	*7	*9	*11	03h						
Character	*8	*10	*12							

Acceptability

SECURITY	STANDBY	NO SIGNAL	SHUTTER	FREEZE / D-ZOOM	TEST PATTERN	REMOTE2	ECO STANDBY	P IN P	LENS HOME	INITIAL SETTING	SIGNAL LOCK
		✔	✔		✔	✔		✔			✔

■Parameters(*1,*2,*3,*4,*5,*6,*7,*8,*9,*10,*11,*12)

Model WUXGA SCREEN FORMAT is 4:3

	-160	-159

Hexadecimal	2Dh	30h	30h	31h	36h	30h	2Dh	30h	30h	31h	35h	39h
Character	-	0	0	1	6	0	-	0	0	1	5	9
	159						160					
Hexadecimal	2Bh	30h	30h	31h	35h	39h	2Bh	30h	30h	31h	36h	30h
Character	+	0	0	1	5	9	+	0	0	1	6	0

■Notes:

・For Model WXGA and XGA, it returns ER401.

・For Model WUXGA, it returns ER401 if screen format is 16:9 or 16:10.

2.294. QUERY INPUT AUTO SETUP [QVX:AASI0]

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	51h	56h	58h	3Ah
Character		A	D	Z	Z	;	Q	V	X	:
Hexadecimal	41h	41h	53h	49h	30h	03h				
Character	A	A	S	I	0					

■Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	41h	41h	53h	49h	30h	3Dh	2Bh
Character		A	A	S	I	0	=	+
Hexadecimal	*1	*3	*5	*7	*9	03h		
Character	*2	*4	*6	*8	*10			

Acceptability

SECURITY	STANDBY	NO SIGNAL	SHUTTER	FREEZE / D-ZOOM	TEST PATTERN	REMOTE2	ECO STANDBY	P IN P	LENS HOME	INITIAL SETTING	SIGNAL LOCK
✔		✔	✔	✔	✔	✔		✔	✔	✔	✔

■Parameters(*1,*2,*3,*4,*5,*6,*7,*8,*9,*10)

	OFF					ON				
Hexadecimal	30h	30h	30h	30h	30h	30h	30h	30h	30h	31h
Character	0	0	0	0	0	0	0	0	0	1

2.295. QUERY AUTO SETUP - MODE [QAM]

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	51h	41h	4Dh	03h
Character		A	D	Z	Z	;	Q	A	M	

■Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	*1	03h
Character		*2	

Acceptability

SECURITY	STANDBY	NO SIGNAL	SHUTTER	FREEZE / D-ZOOM	TEST PATTERN	REMOTE2	ECO STANDBY	P IN P	LENS HOME	INITIAL SETTING	SIGNAL LOCK
✔	✔	✔	✔	✔	✔	✔		✔	✔	✔	✔

■Parameters(*1,*2)

	USER	NORMAL	WIDE
Hexadecimal	30h	31h	32h
Character	0	1	2

2.296. QUERY AUTO SETUP – DISPLAY DOT NO. [QAD]

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	51h	41h	44h	03h
Character		A	D	Z	Z	;	Q	A	D	

■Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	*1	*3	*5	*7	03h
Character		*2	*4	*6	*8	

Acceptability

SECURITY	STANDBY	NO SIGNAL	SHUTTER	FREEZE / D-ZOOM	TEST PATTERN	REMOTE2	ECO STANDBY	P IN P	LENS HOME	INITIAL SETTING	SIGNAL LOCK
✔		✔	✔	✔	✔	✔		✔	✔	✔	✔

■Parameters(*1,*2)

	300				301			
Hexadecimal	30h	33h	30h	30h	30h	33h	30h	31h
Character	0	3	0	0	0	3	0	1
	4064				4065			
Hexadecimal	34h	30h	36h	34h	34h	30h	36h	35h
Character	4	0	6	4	4	0	6	5

2.297. QUERY AUTO SETUP - POSITION ADJUST [QVX:APAI0]

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	51h	56h	58h	3Ah
Character		A	D	Z	Z	;	Q	V	X	:
Hexadecimal	41h	50h	41h	49h	30h	03h				

Character	A	P	A	I	0	

■Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	41h	50h	41h	49h	30h	3Dh	2Bh
Character		A	P	A	I	0	=	+
Hexadecimal	*1	*3	*5	*7	*9	03h		
Character	*2	*4	*6	*8	*10			

Acceptability

SECURITY	STANDBY	NO SIGNAL	SHUTTER	FREEZE / D-ZOOM	TEST PATTERN	REMOTE2	ECO STANDBY	P IN P	LENS HOME	INITIAL SETTING	SIGNAL LOCK
✔	✔	✔	✔	✔	✔	✔		✔	✔	✔	✔

■Parameters(*1,*2,*3,*4,*5,*6,*7,*8,*9,*10)

	OFF					ON				
Hexadecimal	30h	30h	30h	30h	30h	30h	30h	30h	30h	31h
Character	0	0	0	0	0	0	0	0	0	1

2.298. QUERY AUTO SETUP - SIGNAL LEVEL ADJUST [QVX:ASLI0]

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	51h	56h	58h	3Ah
Character		A	D	Z	Z	;	Q	V	X	:
Hexadecimal	41h	53h	4Ch	49h	30h	03h				
Character	A	S	L	I	0					

■Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	41h	53h	4Ch	49h	30h	3Dh	2Bh
Character		A	S	L	I	0	=	+
Hexadecimal	*1	*3	*5	*7	*9	03h		
Character	*2	*4	*6	*8	*10			

Acceptability

SECURITY	STANDBY	NO SIGNAL	SHUTTER	FREEZE / D-ZOOM	TEST PATTERN	REMOTE2	ECO STANDBY	P IN P	LENS HOME	INITIAL SETTING	SIGNAL LOCK
✔	✔	✔	✔	✔	✔	✔		✔	✔	✔	✔

■Parameters(*1,*2,*3,*4,*5,*6,*7,*8,*9,*10)

	OFF					ON				
Hexadecimal	30h	30h	30h	30h	30h	30h	30h	30h	30h	31h
Character	0	0	0	0	0	0	0	0	0	1

2.299. QUERY RGB IN - RGB1 SYNC SLICE LEVEL [QVX:STRI0]

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	51h	56h	58h	3Ah
Character		A	D	Z	Z	;	Q	V	X	:
Hexadecimal	53h	54h	52h	49h	30h	03h				
Character	S	T	R	I	0					

■Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	53h	54h	52h	49h	30h	3Dh	2Bh	*1	*3
Character		S	T	R	I	0	=	+	*2	*4
Hexadecimal	*5	*7	*9	03h						
Character	*6	*8	*10							

Acceptability

SECURITY	STANDBY	NO SIGNAL	SHUTTER	FREEZE / D-ZOOM	TEST PATTERN	REMOTE2	ECO STANDBY	P IN P	LENS HOME	INITIAL SETTING	SIGNAL LOCK
✔	✔	✔	✔	✔	✔	✔		✔	✔	✔	✔

■Parameters(*1,*2,*3,*4,*5,*6,*7,*8,*9,*10)

	LOW					HIGH				
Hexadecimal	30h	30h	30h	30h	30h	30h	30h	30h	30h	31h
Character	0	0	0	0	0	0	0	0	0	1

2.300. QUERY RGB IN – RGB2 SYNC SLICE LEVEL [QVX:STRI1]

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	51h	56h	58h	3Ah
Character		A	D	Z	Z	;	Q	V	X	:
Hexadecimal	53h	54h	52h	49h	31h	03h				
Character	S	T	R	I	1					

■Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	53h	54h	52h	49h	31h	3Dh	2Bh	*1	*3
Character		S	T	R	I	1	=	+	*2	*4
Hexadecimal	*5	*7	*9	03h						
Character	*6	*8	*10							

Acceptability

SECURITY	STANDBY	NO SIGNAL	SHUTTER	FREEZE / D-ZOOM	TEST PATTERN	REMOTE2	ECO STANDBY	P IN P	LENS HOME	INITIAL SETTING	SIGNAL LOCK

✔	✔	✔	✔	✔	✔	✔		✔	✔	✔	✔

■Parameters(*1,*2,*3,*4,*5,*6,*7,*8,*9,*10)

	LOW					HIGH				
Hexadecimal	30h	30h	30h	30h	30h	30h	30h	30h	30h	31h
Character	0	0	0	0	0	0	0	0	0	1

2.301. QUERY RGB2 INPUT [QVX:RYCI2]

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	51h	56h	58h	3Ah
Character		A	D	Z	Z	;	Q	V	X	:
Hexadecimal	52h	59h	43	49h	32h	03h				
Character	R	Y	C	I	2					

■Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	52h	59h	43	49h	32h	3Dh	2Bh	*1	*3
Character		R	Y	C	I	2	=	+	*2	*4
Hexadecimal	*5	*7	*9	03h						
Character	*6	*8	*10							

Acceptability

SECURITY	STANDBY	NO SIGNAL	SHUTTER	FREEZE / D-ZOOM	TEST PATTERN	REMOTE2	ECO STANDBY	P IN P	LENS HOME	INITIAL SETTING	SIGNAL LOCK
✔	✔	✔	✔	✔	✔	✔		✔	✔	✔	✔

■Parameters(*1,*2,*3,*4,*5,*6,*7,*8,*9,*10)

	RGB/YPBPR					Y/C				
Hexadecimal	30h	30h	30h	30h	30h	30h	30h	30h	30h	31h
Character	0	0	0	0	0	0	0	0	0	1
	VIDEO									
Hexadecimal	30h	30h	30h	30h	32h					
Character	0	0	0	0	2					

2.302. QUERY DVI EDID [QED]

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	51h	45h	44h	03h
Character		A	D	Z	Z	;	Q	E	D	

■Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	*1	03h
Character		*2	

Acceptability

SECURITY	STANDBY	NO SIGNAL	SHUTTER	FREEZE / D-ZOOM	TEST PATTERN	REMOTE2	ECO STANDBY	P IN P	LENS HOME	INITIAL SETTING	SIGNAL LOCK
✔	✔	✔	✔	✔	✔	✔		✔	✔	✔	✔

■Parameters(*1,*2)

	EDID1	EDID2:PC	EDID3
Hexadecimal	31h	32h	33h
Character	1	2	3

2.303. QUERY DVI SIGNAL LEVEL [QVX:DVII0]

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	51h	56h	58h	3Ah
Character		A	D	Z	Z	;	Q	V	X	:
Hexadecimal	44h	56h	49h	49h	30h	03h				
Character	D	V	I	I	0					

■Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	44h	56h	49h	49h	30h	3Dh	2Bh
Character		D	V	I	I	0	=	+
Hexadecimal	*1	*3	*5	*7	*9	03h		
Character	*2	*4	*6	*8	*10			

Acceptability

SECURITY	STANDBY	NO SIGNAL	SHUTTER	FREEZE / D-ZOOM	TEST PATTERN	REMOTE2	ECO STANDBY	P IN P	LENS HOME	INITIAL SETTING	SIGNAL LOCK
✔	✔	✔	✔	✔	✔	✔		✔	✔	✔	✔

■Parameters(*1,*2,*3,*4,*5,*6,*7,*8,*9,*10)

	0-255:PC					16-235					AUTO				
Hexadecimal	30h	30h	30h	30h	30h	30h	30h	30h	30h	31h	30h	30h	30h	30h	32h
Character	0	0	0	0	0	0	0	0	0	1	0	0	0	0	2

2.304. QUERY HDMI SIGNAL LEVEL [QVX:HSLI0]

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	51h	56h	48h	3Ah
Character		A	D	Z	Z	;	Q	V	X	:
Hexadecimal	48h	53h	4Ch	49h	30h	03h				

Character	H	S	L	I	0	

■Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	48h	53h	4Ch	49h	30h	3Dh	2Bh
Character		H	S	L	I	0	=	+
Hexadecimal	*1	*3	*5	*7	*9	03h		
Character	*2	*4	*6	*8	*10			

Acceptability

SECURITY	STANDBY	NO SIGNAL	SHUTTER	FREEZE / D-ZOOM	TEST PATTERN	REMOTE2	ECO STANDBY	P IN P	LENS HOME	INITIAL SETTING	SIGNAL LOCK
✔	✔	✔	✔	✔	✔	✔		✔	✔	✔	✔

■Parameters(*1,*2,*3,*4,*5,*6,*7,*8,*9,*10)

	0-1023					64-940					AUTO				
Hexadecimal	30h	30h	30h	30h	30h	30h	30h	30h	30h	31h	30h	30h	30h	30h	32h
Character	0	0	0	0	0	0	0	0	0	1	0	0	0	0	2

2.305. QUERY DIGITAL LINK SIGNAL LEVEL [QVX:DKLI1]

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	51h	56h	48h	3Ah
Character		A	D	Z	Z	;	Q	V	X	:
Hexadecimal	44h	4Bh	4Ch	49h	31h	03h				
Character	D	K	L	I	1					

■Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	44h	4Bh	4Ch	49h	31h	3Dh	2Bh
Character		D	K	L	I	1	=	+
Hexadecimal	*1	*3	*5	*7	*9	03h		
Character	*2	*4	*6	*8	*10			

Acceptability

SECURITY	STANDBY	NO SIGNAL	SHUTTER	FREEZE / D-ZOOM	TEST PATTERN	REMOTE2	ECO STANDBY	P IN P	LENS HOME	INITIAL SETTING	SIGNAL LOCK
✔	✔	✔	✔	✔	✔	✔		✔	✔	✔	✔

■Parameters(*1,*2,*3,*4,*5,*6,*7,*8,*9,*10)

	AUTO					0-1023					64-940				
Hexadecimal	30h	30h	30h	30h	30h	30h	30h	30h	30h	31h	30h	30h	30h	30h	32h
Character	0	0	0	0	0	0	0	0	0	1	0	0	0	0	2

■Note

・This command is effective only for Model Group A and C.

2.306. QUERY DisplayPort SIGNAL LEVEL [QVX:DPLI1]

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	51h	56h	48h	3Ah
Character		A	D	Z	Z	;	Q	V	X	:
Hexadecimal	44h	50h	4Ch	49h	31h	03h				
Character	D	P	L	I	1					

■Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	44h	50h	4Ch	49h	31h	3Dh	2Bh
Character		D	P	L	I	1	=	+
Hexadecimal	*1	*3	*5	*7	*9	03h		
Character	*2	*4	*6	*8	*10			

Acceptability

SECURITY	STANDBY	NO SIGNAL	SHUTTER	FREEZE / D-ZOOM	TEST PATTERN	REMOTE2	ECO STANDBY	P IN P	LENS HOME	INITIAL SETTING	SIGNAL LOCK
✔	✔	✔	✔	✔	✔	✔		✔	✔	✔	✔

■Parameters(*1,*2,*3,*4,*5,*6,*7,*8,*9,*10)

	AUTO					0-1023					64-940				
Hexadecimal	30h	30h	30h	30h	30h	30h	30h	30h	30h	31h	30h	30h	30h	30h	32h
Character	0	0	0	0	0	0	0	0	0	1	0	0	0	0	2

■Note

・This command is effective only for Model Group A and C.

2.307. QUERY OSD POSITION [QDP]

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	51h	44h	50h	03h
Character		A	D	Z	Z	;	Q	D	P	

■Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	*1	03h
Character		*2	

Acceptability

SECURITY	STANDBY	NO SIGNAL	SHUTTER	FREEZE / D-ZOOM	TEST PATTERN	REMOTE2	ECO STANDBY	P IN P	LENS HOME	INITIAL SETTING	SIGNAL LOCK

✔	✔	✔	✔	✔	✔	✔		✔	✔	✔	✔

■Parameters(*1,*2)

	UPPER LEFT	MIDDLE LEFT	LOWER LEFT	UPPER CENTER	CENTER	LOWER CENTER
Hexadecimal	31h	32h	33h	34h	35h	36h
Character	1	2	3	4	5	6

	UPPER RIGHT	MIDDLE RIGHT	LOWER RIGHT
Hexadecimal	37h	38h	39h
Character	7	8	9

2.308. QUERY OSD DESIGN [QOD]

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	51h	4Fh	44h	03h
Character		A	D	Z	Z	;	Q	O	D	

■Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	*1	03h
Character		*2	

Acceptability

SECURITY	STANDBY	NO SIGNAL	SHUTTER	FREEZE / D-ZOOM	TEST PATTERN	REMOTE2	ECO STANDBY	P IN P	LENS HOME	INITIAL SETTING	SIGNAL LOCK
✔	✔	✔	✔	✔	✔	✔		✔	✔	✔	✔

■Parameters(*1,*2)

	1	2	3	4	5	6
Hexadecimal	30h	31h	32h	33h	34h	35h
Character	0	1	2	3	4	5

2.309. QUERY OSD MEMORY [QVX:OMYI0]

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	51h	56h	58h	3Ah
Character		A	D	Z	Z	;	Q	V	X	:
Hexadecimal	4Fh	4Dh	59h	49h	30h	03h				
Character	O	M	Y	I	0					

■Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	4Fh	4Dh	59h	49h	30h	3Dh	2Bh	*1	*3
Character		O	M	Y	I	0	=	+	*2	*4
Hexadecimal	*5	*7	*9	03h						
Character	*6	*8	*10							

Acceptability

SECURITY	STANDBY	NO SIGNAL	SHUTTER	FREEZE / D-ZOOM	TEST PATTERN	REMOTE2	ECO STANDBY	P IN P	LENS HOME	INITIAL SETTING	SIGNAL LOCK
✔	✔	✔	✔	✔	✔	✔		✔	✔	✔	✔

■Parameters(*1,*2,*3,*4,*5,*6,*7,*8,*9,*10)

	OFF					ON				
Hexadecimal	30h	30h	30h	30h	30h	30h	30h	30h	30h	31h
Character	0	0	0	0	0	0	0	0	0	1

2.310. QUERY INPUT GUIDE DISPLAY[QDI]

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	51h	44h	49h	03h
Character		A	D	Z	Z	;	Q	D	I	

■Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	*1	03h
Character		*2	

Acceptability

SECURITY	STANDBY	NO SIGNAL	SHUTTER	FREEZE / D-ZOOM	TEST PATTERN	REMOTE2	ECO STANDBY	P IN P	LENS HOME	INITIAL SETTING	SIGNAL LOCK
✔	✔	✔	✔	✔	✔	✔		✔	✔	✔	✔

■Parameters(*1,*2)

	OFF	ON
Hexadecimal	30h	31h
Character	0	1

2.311. QUERY WARNING MESSAGE DISPLAY [QVX:WMDI0]

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	51h	56h	58h	3Ah
Character		A	D	Z	Z	;	Q	V	X	:
Hexadecimal	57h	4Dh	44h	49h	30h	03h				
Character	W	M	D	I	0					

■Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	57h	4Dh	44h	49h	30h	3Dh	2Bh	*1	*3
Character		W	M	D	I	0	=	+	*2	*4
Hexadecimal	*5	*7	*9	03h						
Character	*6	*8	*10							

Acceptability

SECURITY	STANDBY	NO SIGNAL	SHUTTER	FREEZE / D-ZOOM	TEST PATTERN	REMOTE2	ECO STANDBY	P IN P	LENS HOME	INITIAL SETTING	SIGNAL LOCK
✔	✔	✔	✔	✔	✔	✔		✔	✔	✔	✔

■Parameters(*1,*2,*3,*4,*5,*6,*7,*8,*9,*10)

	OFF					ON				
Hexadecimal	30h	30h	30h	30h	30h	30h	30h	30h	30h	31h
Character	0	0	0	0	0	0	0	0	0	1

2.312. QUERY CLOSED CAPTION [QCC]

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	51h	43h	43h	03h
Character		A	D	Z	Z	;	Q	C	C	

■Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	*1	03h
Character		*2	

Acceptability

SECURITY	STANDBY	NO SIGNAL	SHUTTER	FREEZE / D-ZOOM	TEST PATTERN	REMOTE2	ECO STANDBY	P IN P	LENS HOME	INITIAL SETTING	SIGNAL LOCK
✔			✔	✔	✔	✔		✔	✔	✔	✔

■Parameters(*1,*2)

	OFF	CC1	CC2	CC3	CC4
Hexadecimal	30h	31h	32h	33h	34h
Character	0	1	2	3	4

2.313. QUERY BACK COLOR [QBC]

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	51h	42h	43h	03h
Character		A	D	Z	Z	;	Q	B	C	

■Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	*1	03h
Character		*2	

Acceptability

SECURITY	STANDBY	NO SIGNAL	SHUTTER	FREEZE / D-ZOOM	TEST PATTERN	REMOTE2	ECO STANDBY	P IN P	LENS HOME	INITIAL SETTING	SIGNAL LOCK
✔		✔	✔	✔	✔	✔		✔	✔	✔	✔

■Parameters(*1,*2)

	BLUE	BLACK	USER LOGO	DEFAULT LOGO
Hexadecimal	30h	31h	32h	33h
Character	0	1	2	3

2.314. QUERY STARTUP LOGO [QLO]

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	51h	4Ch	4Fh	03h
Character		A	D	Z	Z	;	Q	L	O	

■Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	*1	03h
Character		*2	

Acceptability

SECURITY	STANDBY	NO SIGNAL	SHUTTER	FREEZE / D-ZOOM	TEST PATTERN	REMOTE2	ECO STANDBY	P IN P	LENS HOME	INITIAL SETTING	SIGNAL LOCK
✔	✔	✔	✔	✔	✔	✔		✔	✔	✔	✔

Parameters(*1,*2)

	NO	USER LOGO	DEFAULT LOGO
Hexadecimal	30h	31h	32h
Character	0	1	2

2.315. QUERY SHUTTER SETTING - STARTUP [QVX:SEFI3]

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	51h	56h	58h	3Ah
Character		A	D	Z	Z	;	Q	V	X	:
Hexadecimal	53h	45h	46h	49h	33h	03h				
Character	S	E	F	I	3					

■Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	53h	45h	46h	49h	33h	3Dh	2Bh	*1	*3
Character		S	E	F	I	3	=	+	*2	*4
Hexadecimal	*5	*7	*9	03h						
Character	*6	*8	*10							

Acceptability

SECURITY	STANDBY	NO SIGNAL	SHUTTER	FREEZE / D-ZOOM	TEST PATTERN	REMOTE2	ECO STANDBY	P IN P	LENS HOME	INITIAL SETTING	SIGNAL LOCK
✔	✔	✔	✔	✔	✔	✔		✔	✔	✔	✔

■Parameters(*1,*2,*3,*4,*5,*6,*7,*8,*9,*10)

	OPEN					CLOSE				
Hexadecimal	30h	30h	30h	30h	30h	30h	30h	30h	30h	31h
Character	0	0	0	0	0	0	0	0	0	1

2.316. QUERY SHUTTER SETTING - SHUT OFF [QVX:SEFI4]

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	51h	56h	58h	3Ah
Character		A	D	Z	Z	;	Q	V	X	:
Hexadecimal	53h	45h	46h	49h	34h	03h				
Character	S	E	F	I	4					

■Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	53h	45h	46h	49h	34h	3Dh	2Bh	*1	*3
Character		S	E	F	I	4	=	+	*2	*4
Hexadecimal	*5	*7	*9	03h						
Character	*6	*8	*10							

Acceptability

SECURITY	STANDBY	NO SIGNAL	SHUTTER	FREEZE / D-ZOOM	TEST PATTERN	REMOTE2	ECO STANDBY	P IN P	LENS HOME	INITIAL SETTING	SIGNAL LOCK
✔	✔	✔	✔	✔	✔	✔		✔	✔	✔	✔

■Parameters(*1,*2,*3,*4,*5,*6,*7,*8,*9,*10)

	OPEN					CLOSE				
Hexadecimal	30h	30h	30h	30h	30h	30h	30h	30h	30h	31h
Character	0	0	0	0	0	0	0	0	0	1
	LAST USED									
Hexadecimal	30h	30h	30h	30h	32h					
Character	0	0	0	0	2					

2.317. QUERY P-TIMER MODE [QVX:PTMI1]

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	51h	56h	58h	3Ah
Character		A	D	Z	Z	;	Q	V	X	:
Hexadecimal	50h	54h	59h	49h	31h	03h				
Character	P	T	M	I	1					

■Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	50h	54h	59h	49h	31h	3Dh	2Bh	*1	*3
Character		P	T	M	I	1	=	+	*2	*4
Hexadecimal	*5	*7	*9	03h						
Character	*6	*8	*10							

Acceptability

SECURITY	STANDBY	NO SIGNAL	SHUTTER	FREEZE / D-ZOOM	TEST PATTERN	REMOTE2	ECO STANDBY	P IN P	LENS HOME	INITIAL SETTING	SIGNAL LOCK
✔	✔	✔	✔	✔	✔	✔		✔	✔	✔	✔

■Parameters(*1,*2,*3,*4,*5,*6,*7,*8,*9,*10)

	COUNT DOWN					COUNT UP				
Hexadecimal	30h	30h	30h	30h	30h	30h	30h	30h	30h	31h
Character	0	0	0	0	0	0	0	0	0	1

2.318. QUERY P-TIMER COUNTER [QVX:PTMI2]

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	51h	56h	58h	3Ah
Character		A	D	Z	Z	;	Q	V	X	:
Hexadecimal	50h	54h	59h	49h	32h	03h				
Character	P	T	M	I	2					

■Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	50h	54h	59h	49h	32h	3Dh	2Bh	*1	*3
Character		P	T	M	I	2	=	+	*2	*4
Hexadecimal	*5	*7	*9	03h						
Character	*6	*8	*10							

Acceptability

SECURITY	STANDBY	NO SIGNAL	SHUTTER	FREEZE / D-ZOOM	TEST PATTERN	REMOTE2	ECO STANDBY	P IN P	LENS HOME	INITIAL SETTING	SIGNAL LOCK
✔	✔	✔	✔	✔	✔	✔		✔	✔	✔	✔

■Parameters(*1,*2,*3,*4,*5,*6,*7,*8,*9,*10)

	1					180				
Hexadecimal	30h	30h	30h	30h	31h	30h	30h	31h	38h	30h
Character	0	0	0	0	1	0	0	1	8	0

2.319. QUERY CUT OFF RED [QVX:CUTI1]

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	51h	56h	58h	3Ah
Character		A	D	Z	Z	;	Q	V	X	:
Hexadecimal	43h	55h	54h	49h	31h	03h				
Character	C	U	T	I	1					

■Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	43h	55h	54h	49h	31h	3Dh	2Bh	*1	*3
Character		C	U	T	I	1	=	+	*2	*4
Hexadecimal	*5	*7	*9	03h						
Character	*6	*8	*10							

Acceptability

SECURITY	STANDBY	NO SIGNAL	SHUTTER	FREEZE / D-ZOOM	TEST PATTERN	REMOTE2	ECO STANDBY	P IN P	LENS HOME	INITIAL SETTING	SIGNAL LOCK
✔		✔	✔	✔	✔	✔		✔	✔	✔	✔

■Parameters(*1,*2,*3,*4,*5,*6,*7,*8,*9,*10)

	OFF					ON				
Hexadecimal	30h	30h	30h	30h	30h	30h	30h	30h	30h	31h
Character	0	0	0	0	0	0	0	0	0	1

2.320. QUERY CUT OFF - GREEN [QVX:CUTI2]

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	51h	56h	58h	3Ah
Character		A	D	Z	Z	;	Q	V	X	:
Hexadecimal	43h	55h	54h	49h	32h	03h				
Character	C	U	T	I	2					

■Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	43h	55h	54h	49h	32h	3Dh	2Bh	*1	*3
Character		C	U	T	I	2	=	+	*2	*4
Hexadecimal	*5	*7	*9	03h						
Character	*6	*8	*10							

Acceptability

SECURITY	STANDBY	NO SIGNAL	SHUTTER	FREEZE / D-ZOOM	TEST PATTERN	REMOTE2	ECO STANDBY	P IN P	LENS HOME	INITIAL SETTING	SIGNAL LOCK
✔		✔	✔	✔	✔	✔		✔	✔	✔	✔

■Parameters(*1,*2,*3,*4,*5,*6,*7,*8,*9,*10)

	OFF					ON				
Hexadecimal	30h	30h	30h	30h	30h	30h	30h	30h	30h	31h
Character	0	0	0	0	0	0	0	0	0	1

2.321. QUERY CUT OFF – BLUE [QVX:CUTI3]

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	51h	56h	58h	3Ah
Character		A	D	Z	Z	;	Q	V	X	:
Hexadecimal	43h	55h	54h	49h	33h	03h				
Character	C	U	T	I	3					

■Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	43h	55h	54h	49h	33h	3Dh	2Bh	*1	*3
Character		C	U	T	I	3	=	+	*2	*4
Hexadecimal	*5	*7	*9	03h						
Character	*6	*8	*10							

Acceptability

SECURITY	STANDBY	NO SIGNAL	SHUTTER	FREEZE / D-ZOOM	TEST PATTERN	REMOTE2	ECO STANDBY	P IN P	LENS HOME	INITIAL SETTING	SIGNAL LOCK
✔		✔	✔	✔	✔	✔		✔	✔	✔	✔

■Parameters(*1,*2,*3,*4,*5,*6,*7,*8,*9,*10)

	OFF					ON				
Hexadecimal	30h	30h	30h	30h	30h	30h	30h	30h	30h	31h
Character	0	0	0	0	0	0	0	0	0	1

2.322. QUERY INSTALLATION [QSP]

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	51h	53h	50h	03h
Character		A	D	Z	Z	;	Q	S	P	

■Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	*1	03h
Character		*2	

Acceptability

SECURITY	STANDBY	NO SIGNAL	SHUTTER	FREEZE / D-ZOOM	TEST PATTERN	REMOTE2	ECO STANDBY	P IN P	LENS HOME	INITIAL SETTING	SIGNAL LOCK
✔	✔	✔	✔	✔	✔	✔		✔	✔	✔	✔

■Parameters(*1,*2)

	FRONT/FLOOR	REAR/FLOOR	FRONT/CEILING	REAR¥CEILING
Hexadecimal	30h	31h	32h	33h
Character	0	1	2	3

2.323. QUERY COOLING CONDITION [QDR]

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	51h	44h	52h	03h
Character		A	D	Z	Z	;	Q	D	R	

■Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	*1	03h
Character		*2	

Acceptability

SECURITY	STANDBY	NO SIGNAL	SHUTTER	FREEZE / D-ZOOM	TEST PATTERN	REMOTE2	ECO STANDBY	P IN P	LENS HOME	INITIAL SETTING	SIGNAL LOCK
✔	✔	✔	✔	✔	✔	✔		✔	✔	✔	✔

■Parameters(*1,*2)

	FOOR	CEILING	VERTICAL UP	VERTICAL DOWN	AUTO
Hexadecimal	30h	31h	32h	33h	39h
Character	0	1	2	3	9

■Notes:

・Effective only cooling mode.

2.324. QUERY AUTO COOLING CONDITION - STATUS [QVX:ADRI1]

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	51h	56h	88h	3Ah
Character		A	D	Z	Z	;	Q	V	X	:
Hexadecimal	41h	44h	52h	49h	31h	03h				
Character	A	D	R	I	1					

■Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	41h	44h	52h	49h	31h	3Dh	2Bh
Character		A	D	R	I	1	=	+
Hexadecimal	*1	*3	*5	*7	*9	03h		
Character	*2	*4	*6	*8	*10			

Acceptability

SECURITY	STANDBY	NO SIGNAL	SHUTTER	FREEZE / D-ZOOM	TEST PATTERN	REMOTE2	ECO STANDBY	P IN P	LENS HOME	INITIAL SETTING	SIGNAL LOCK
○		○	○	○	○	○		○	○	○	○

■Parameters(*1,*2,*3,*4,*5,*6,*7,*8,*9,*10)

	FOOR					CEILING					VERTICAL UP				
Hexadecimal	30h	30h	30h	30h	30h	30h	30h	30h	30h	31h	30h	30h	30h	30h	32h
Character	0	0	0	0	0	0	0	0	0	1	0	0	0	0	2

	VERTICAL DOWN				
Hexadecimal	30h	30h	30h	30h	33h
Character	0	0	0	0	3

■Notes:

・For portrate installation, need to confirm the software version and specified lamp.

2.325. QUERY LAMP POWER STATUS [QLP]

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	51h	4Ch	50h	03h
Character		A	D	Z	Z	;	Q	L	P	

■Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	*1	03h
Character		*2	

Acceptability

SECURITY	STANDBY	NO SIGNAL	SHUTTER	FREEZE / D-ZOOM	TEST PATTERN	REMOTE2	ECO STANDBY	P IN P	LENS HOME	INITIAL SETTING	SIGNAL LOCK
✔	✔	✔	✔	✔	✔	✔	✔	✔	✔	✔	✔

■Parameters(*1,*2)

	NROMAL	ECO	AUTO	ECO1	ECO2
Hexadecimal	30h	31h	32h	33h	34h
Character	0	1	2	3	4

2.326. QUERY LAMP POWER [QVX:LPWI1]

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	51h	56h	88h	3Ah
Character		A	D	Z	Z	;	Q	V	X	:
Hexadecimal	4Ch	50h	57h	49h	31h	03h				
Character	L	P	W	I	1					

■Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	4Ch	50h	57h	49h	31h	3Dh	2Bh
Character		L	P	W	I	1	=	+
Hexadecimal	*1	*3	*5	*7	*9	03h		
Character	*2	*4	*6	*8	*10			

Acceptability

SECURITY	STANDBY	NO SIGNAL	SHUTTER	FREEZE / D-ZOOM	TEST PATTERN	REMOTE2	ECO STANDBY	P IN P	LENS HOME	INITIAL SETTING	SIGNAL LOCK
✔	✔	✔	✔	✔	✔	✔		✔	✔	✔	✔

■Parameters(*1,*2,*3,*4,*5,*6,*7,*8,*9,*10)

	ECO					NORMAL					ECO1				
Hexadecimal	30h	30h	30h	30h	30h	30h	30h	30h	30h	31h	30h	30h	30h	32h	30h
Character	0	0	0	0	0	0	0	0	0	1	0	0	0	2	0
	ECO2					AUTO									
Hexadecimal	30h	30h	30h	32h	31h	30h	30h	30h	30h	32h					
Character	0	0	0	2	1	0	0	0	0	2					

2.327. QUERY ECO LAMP POWER MANAGEMENT [QVX:ECOI0]

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	51h	56h	58h	3Ah
Character		A	D	Z	Z	;	Q	V	X	:
Hexadecimal	45h	43h	4Fh	49h	30h	03h				
Character	E	C	O	I	0					

■Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	45h	43h	4Fh	49h	30h	3Dh	2Bh
Character		E	C	O	I	0	=	+
Hexadecimal	*1	*3	*5	*7	*9	03h		
Character	*2	*4	*6	*8	*10			

Acceptability

SECURITY	STANDBY	NO SIGNAL	SHUTTER	FREEZE / D-ZOOM	TEST PATTERN	REMOTE2	ECO STANDBY	P IN P	LENS HOME	INITIAL SETTING	SIGNAL LOCK
✔	✔	✔	✔	✔	✔	✔		✔	✔	✔	✔

■Parameters(*1,*2,*3,*4,*5,*6,*7,*8,*9,*10)

	OFF					ON				
Hexadecimal	30h	30h	30h	30h	30h	30h	30h	30h	30h	31h
Character	0	0	0	0	0	0	0	0	0	1

2.328. QUERY ECO LAMP POWER MANAGEMENT [QVX:ECOI1]

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	51h	56h	58h	3Ah
Character		A	D	Z	Z	;	Q	V	X	:
Hexadecimal	45h	43h	4Fh	49h	31h	03h				
Character	E	C	O	I	1					

■Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	45h	43h	4Fh	49h	31h	3Dh	2Bh
Character		E	C	O	I	1	=	+
Hexadecimal	*1	*3	*5	*7	*9	03h		
Character	*2	*4	*6	*8	*10			

Acceptability

SECURITY	STANDBY	NO SIGNAL	SHUTTER	FREEZE / D-ZOOM	TEST PATTERN	REMOTE2	ECO STANDBY	P IN P	LENS HOME	INITIAL SETTING	SIGNAL LOCK
✔	✔	✔	✔	✔	✔	✔		✔	✔	✔	✔

■Parameters(*1,*2,*3,*4,*5,*6,*7,*8,*9,*10)

	OFF	ON

Hexadecimal	30h	30h	30h	30h	30h	30h	30h	30h	30h	31h
Character	0	0	0	0	0	0	0	0	0	1

2.329. QUERY NO SIGNAL POWER SAVING [QVX:ECOI2]

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	51h	56h	58h	3Ah
Character		A	D	Z	Z	;	Q	V	X	:
Hexadecimal	45h	43h	4Fh	49h	32h	03h				
Character	E	C	O	I	2					

■Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	45h	43h	4Fh	49h	32h	3Dh	2Bh
Character		E	C	O	I	2	=	+
Hexadecimal	*1	*3	*5	*7	*9	03h		
Character	*2	*4	*6	*8	*10			

Acceptability

SECURITY	STANDBY	NO SIGNAL	SHUTTER	FREEZE / D-ZOOM	TEST PATTERN	REMOTE2	ECO STANDBY	P IN P	LENS HOME	INITIAL SETTING	SIGNAL LOCK
✔	✔	✔	✔	✔	✔	✔		✔	✔	✔	✔

■Parameters(*1,*2,*3,*4,*5,*6,*7,*8,*9,*10)

	OFF					ON				
Hexadecimal	30h	30h	30h	30h	30h	30h	30h	30h	30h	31h
Character	0	0	0	0	0	0	0	0	0	1

2.330. QUERY AV MUTE POWER SAVING [QVX:ECOI3]

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	51h	56h	58h	3Ah
Character		A	D	Z	Z	;	Q	V	X	:
Hexadecimal	45h	43h	4Fh	49h	33h	03h				
Character	E	C	O	I	3					

■Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	45h	43h	4Fh	49h	33h	3Dh	2Bh
Character		E	C	O	I	3	=	+
Hexadecimal	*1	*3	*5	*7	*9	03h		
Character	*2	*4	*6	*8	*10			

Acceptability

SECURITY	STANDBY	NO SIGNAL	SHUTTER	FREEZE / D-ZOOM	TEST PATTERN	REMOTE2	ECO STANDBY	P IN P	LENS HOME	INITIAL SETTING	SIGNAL LOCK
✔	✔	✔	✔	✔	✔	✔		✔	✔	✔	✔

■Parameters(*1,*2,*3,*4,*5,*6,*7,*8,*9,*10)

	OFF					ON				
Hexadecimal	30h	30h	30h	30h	30h	30h	30h	30h	30h	31h
Character	0	0	0	0	0	0	0	0	0	1

2.331. QUERY NO SIGNAL SHUT-OFF [QAF]

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	51h	41h	46h	03h
Character		A	D	Z	Z	;	Q	A	F	

■Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	*1	*3	03h
Character		*2	*4	

Acceptability

SECURITY	STANDBY	NO SIGNAL	SHUTTER	FREEZE / D-ZOOM	TEST PATTERN	REMOTE2	ECO STANDBY	P IN P	LENS HOME	INITIAL SETTING	SIGNAL LOCK
✔	✔	✔	✔	✔	✔	✔		✔	✔	✔	✔

■Parameters(*1,*2,*3,*4)

	OFF		10 分		20 分		30 分		40 分	
Hexadecimal	30h	30h	31h	30h	32h	30h	33h	30h	34h	30h
Character	0	0	1	0	2	0	3	0	4	0
	50 分		60 分		70 分		80 分		90 分	
Hexadecimal	35h	30h	36h	30h	37h	30h	38h	30h	39h	30h
Character	5	0	6	0	7	0	8	0	9	0

2.332. QUERY STANDBYMODE[QVX:STMI0]

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	51h	56h	58h	3Ah
Character		A	D	Z	Z	;	Q	V	X	:
Hexadecimal	53h	54h	4Dh	49h	30h	03h				
Character	S	T	M	I	0					

■Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	53h	54h	4Dh	49h	30h	3Dh	2Bh
Character		S	T	M	I	0	=	+
Hexadecimal	*1	*3	*5	*7	*9	03h		
Character	*2	*4	*6	*8	*10			

Acceptability

SECURITY	STANDBY	NO SIGNAL	SHUTTER	FREEZE / D-ZOOM	TEST PATTERN	REMOTE2	ECO STANDBY	P IN P	LENS HOME	INITIAL SETTING	SIGNAL LOCK
✔	✔	✔	✔	✔	✔	✔	✔	✔	✔	✔	✔

■Parameters(*1,*2,*3,*4,*5,*6,*7,*8,*9,*10)

	NORMAL					ECO				
Hexadecimal	30h	30h	30h	30h	30h	30h	30h	30h	30h	33h
Character	0	0	0	0	0	0	0	0	0	3

2.333. QUERY SCHEDULE [QVX:SCHI0]

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	51h	56h	58h	3Ah
Character		A	D	Z	Z	;	Q	V	X	:
Hexadecimal	53h	43h	48h	49h	30h	03h				
Character	S	C	H	I	0					

■Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	53h	43h	48h	49h	30h	3Dh	2Bh
Character		S	C	H	I	0	=	+
Hexadecimal	*1	*3	*5	*7	*9	03h		
Character	*2	*4	*6	*8	*10			

Acceptability

SECURITY	STANDBY	NO SIGNAL	SHUTTER	FREEZE / D-ZOOM	TEST PATTERN	REMOTE2	ECO STANDBY	P IN P	LENS HOME	INITIAL SETTING	SIGNAL LOCK
✔	✔	✔	✔	✔	✔	✔		✔	✔	✔	✔

■Parameters(*1,*2,*3,*4,*5,*6,*7,*8,*9,*10)

	OFF					ON				
Hexadecimal	30h	30h	30h	30h	30h	30h	30h	30h	30h	31h
Character	0	0	0	0	0	0	0	0	0	1

2.334. QUERY SCHEDULE - PROGRAM ASSIGN [QVX:SPGI]

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	51h	56h	58h	3Ah
Character		A	D	Z	Z	;	Q	V	X	:
Hexadecimal	53h	50h	47h	49h	*1	03h				
Character	S	P	G	I	*2					

■Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	53h	50h	47h	49h	*1	3Dh	2Bh
Character		S	P	G	I	*2	=	+
Hexadecimal	*3	*5	*7	*9	*11	03h		
Character	*4	*6	*8	*10	*12			

Acceptability

SECURITY	STANDBY	NO SIGNAL	SHUTTER	FREEZE / D-ZOOM	TEST PATTERN	REMOTE2	ECO STANDBY	P IN P	LENS HOME	INITIAL SETTING	SIGNAL LOCK
✔	✔	✔	✔	✔	✔	✔		✔	✔	✔	✔

■Parameters(*1,*2)

	SUN	MON	TUE	WED	THU	FRI	SAT
Hexadecimal	30h	31h	32h	33h	34h	35h	36h
Character	0	1	2	3	4	5	6

■Parameters(*3, *4, *5, *6, *7, *8, *9, *10, *11, *12)

	OFF					PROGRAM 1					PROGRAM 2				
Hexadecimal	30h	30h	30h	30h	30h	30h	30h	30h	30h	31h	30h	30h	30h	30h	32h
Character	0	0	0	0	0	0	0	0	0	1	0	0	0	0	2
	PROGRAM 3					PROGRAM 4					PROGRAM 5				
Hexadecimal	30h	30h	30h	30h	33h	30h	30h	30h	30h	34h	30h	30h	30h	30h	35h
Character	0	0	0	0	3	0	0	0	0	4	0	0	0	0	5
	PROGRAM 6					PROGRAM 7									
Hexadecimal	30h	30h	30h	30h	36h	30h	30h	30h	30h	37h					
Character	0	0	0	0	6	0	0	0	0	7					

2.335. QUERY SCHEDULE - COMMAND ASSIGN [QVX:SCCS]

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	51h	56h	58h	3Ah
Character		A	D	Z	Z	;	Q	V	X	:
Hexadecimal	53h	43h	43h	53h	*1	3Dh	*3	*5	03h	
Character	S	C	C	S	*2	=	*4	*6		

■Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	53h	43h	43h	53h	*1	3Dh	*3	*5	*7	*9
Character		S	C	C	S	*2	=	*4	*6	*8	*10
Hexadecimal	*11	*13	*15	*17	03h						
Character	*12	*14	*16	*18							

Acceptability

SECURITY	STANDBY	NO SIGNAL	SHUTTER	FREEZE / D-ZOOM	TEST PATTERN	REMOTE2	ECO STANDBY	P IN P	LENS HOME	INITIAL SETTING	SIGNAL LOCK
✔	✔	✔	✔	✔	✔	✔		✔	✔	✔	✔

■Parameters(*1,*2)

	PROGRAM 1	PROGRAM 2	PROGRAM 3	PROGRAM 4
Hexadecimal	31h	32h	33h	34h
Character	1	2	3	4
	PROGRAM 5	PROGRAM 6	PROGRAM 7	
Hexadecimal	35h	36h	37h	
Character	5	6	7	

■Parameters(*3, *4, *5, *6)

	COMMAND 1		COMMAND 2		COMMAND 3		COMMAND 4	
Hexadecimal	30h	31h	30h	32h	30h	33h	30h	34h
Character	0	1	0	2	0	3	0	4
	COMMAND 13		COMMAND 14		COMMAND 15		COMMAND 16	
Hexadecimal	31h	33h	31h	34h	31h	35h	31h	36h
Character	1	3	1	4	1	5	1	6

■ Parameters(*7, *8, *9, *10)

	COMMAND Del		STANDBY		POWER ON		SHUTTER OPEN		SHUTTER CLOSE	
Hexadecimal	30h	30h	31h	30h	31h	31h	32h	30h	32h	31h
Character	0	0	1	0	1	1	2	0	2	1
	RGB1 INPUT		RGB2 INPUT		VIDEO INPUT		DVIINPUT		HDMI INPUT	
Hexadecimal	33h	31h	33h	32h	34h	31h	35h	31h	35h	33h
Character	3	1	3	2	4	1	5	1	5	3
	Display port INPUT		LAMP POWER NORMAL		LAMP POWER ECO/ECO1		LAMP POWER ECO2		LAMP POWER AUTO	
Hexadecimal	35h	37h	37h	30h	37h	31h	37h	32h	37h	33h
Character	5	7	7	0	7	1	7	2	7	3
	P IN POFF		P IN PUSER1		P IN PUSER2		P IN PUSER3			
Hexadecimal	39h	30h	39h	31h	39h	31h	39h	32h		
Character	9	0	9	1	9	2	9	3		
	AUDIO IN STANDBY MODE OFF				AUDIO IN STANDBY MODE ON					
Hexadecimal	41h		30h		41h		31h			
Character	A		0		A		1			
	DIGITAL LINK INPUT		INPUT 1		INPUT 2		INPUT 3		INPUT 4	
Hexadecimal	42h	30h	42h	31h	42h	32h	42h	33h	42h	34h
Character	B	0	B	1	B	2	B	3	B	4
	INPUT 5		INPUT 6		INPUT 7		INPUT 8		INPUT 9	
Hexadecimal	42h	35h	42h	36h	42h	37h	42h	38h	42h	39h
Character	B	5	B	6	B	7	B	8	B	9
	INPUT 10									
Hexadecimal	42h	41h								
Character	B	A								
	AUDIO IN VOLUME : 0		AUDIO IN VOLUME : 1		AUDIO IN VOLUME : 32		AUDIO IN VOLUME : 62		AUDIO IN VOLUME : 63	
Hexadecimal	43h	30h	43h	31h	45h	30h	46h	45h	46h	46h
Character	C	0	C	1	E	0	F	E	F	F

■Parameters(*11, *12, *13, *14, *15, *16, *17, *18)

	00:00				00:01				00:02			
Hexadecimal	30h	30h	30h	30h	30h	30h	30h	31h	30h	30h	30h	32h
Character	0	0	0	0	0	0	0	1	0	0	0	2
	23:57				23:58				23:59			
Hexadecimal	32h	33h	35h	37h	32h	33h	35h	38h	32h	33h	35h	39h
Character	2	3	5	7	2	3	5	8	2	3	5	9

■Note

* Parameter DisplayPort INPUT “57” and DIGITAL LINK INPUT “B0” to “BA” are effectuive only for Model Group A and C.

2.336. QUERY STARTUP INPUT SELECT [QVX:SISS1]

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	51h	56h	58h	3Ah
Character		A	D	Z	Z	;	Q	V	X	:
Hexadecimal	53h	49h	53h	53h	31h	03h				
Character	S	I	S	S	1					

■Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	53h	49h	53h	53h	31h	3Dh	*1	*3	*5	03h
Character		S	I	S	S	1	=	*2	*4	*6	

Acceptability

SECURITY	STANDBY	NO SIGNAL	SHUTTER	FREEZE / D-ZOOM	TEST PATTERN	REMOTE2	ECO STANDBY	P IN P	LENS HOME	INITIAL SETTING	SIGNAL LOCK
✔	✔	✔	✔	✔	✔	✔		✔	✔	✔	✔

■Parameters(*1,*2,*3,*4,*5,*6)

	LAST USED			VIDEO			RGB1			RGB2		
Hexadecimal	4Ch	53h	55h	56h	49h	44h	52h	47h	31h	52h	47h	32h
Character	L	S	U	V	I	D	R	G	1	R	G	2
	DVI-D			HDMI			DIGITAL LINK			Display port		
Hexadecimal	44h	56h	49h	48h	44h	31h	44h	4Ch	31h	44h	50h	31h
Character	D	V	I	H	D	1	D	L	1	D	P	1

■Note

* Parameter DisplayPort “DP1” and DIGITAL LINK “DL1” are effectuive only for Model Group A and C.

2.337. QUERY STARTUP INPUT SELECT (DIGITAL LINK) [QVX: SISS2]

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	51h	56h	58h	3Ah
Character		A	D	Z	Z	;	Q	V	X	:
Hexadecimal	53h	49h	53h	53h	32h	03h				
Character	S	I	S	S	2					

■Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	53h	49h	53h	53h	32h	3Dh	2Bh
Character		S	I	S	S	2	=	+
Hexadecimal	*1	*3	*5	*7	*9	03h		
Character	*2	*4	*6	*8	*10			

Acceptability

SECURITY	STANDBY	NO SIGNAL	SHUTTER	FREEZE / D-ZOOM	TEST PATTERN	REMOTE2	ECO STANDBY	P IN P	LENS HOME	INITIAL SETTING	SIGNAL LOCK
✔	✔	✔	✔	✔	✔	✔		✔	✔	✔	✔

■Parameters(*1,*2,*3,*4,*5,*6,*7,*8,*9,*10)

	LAST USED					INPUT 1				
Hexadecimal	30h	30h	30h	30h	30h	30h	30h	30h	30h	31h
Character	0	0	0	0	0	0	0	0	0	1
	INPUT 2					INPUT 3				
Hexadecimal	30h	30h	30h	30h	32h	30h	30h	30h	30h	33h
Character	0	0	0	0	2	0	0	0	0	3
	INPUT 4					INPUT 5				
Hexadecimal	30h	30h	30h	30h	34h	30h	30h	30h	30h	35h
Character	0	0	0	0	4	0	0	0	0	5
	INPUT 6					INPUT 7				
Hexadecimal	30h	30h	30h	30h	36h	30h	30h	30h	30h	37h
Character	0	0	0	0	6	0	0	0	0	7
	INPUT 8					INPUT 9				
Hexadecimal	30h	30h	30h	30h	38h	30h	30h	30h	30h	39h
Character	0	0	0	0	8	0	0	0	0	9
	INPUT 10									
Hexadecimal	30h	30h	30h	31h	30h					
Character	0	0	0	1	0					

■Note

* This command is effectuive only for Model Group A and C.

2.338. QUERY RS232C - (IN) BAUDRATE [QVX:IBRI0]

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	51h	56h	58h	3Ah
Character		A	D	Z	Z	;	Q	V	X	:
Hexadecimal	49h	42h	52h	49h	30h	03h				
Character	I	B	R	I	0					

■Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	49h	42h	52h	49h	30h	3Dh	2Bh
Character		I	B	R	I	0	=	+
Hexadecimal	*1	*3	*5	*7	*9	03h		
Character	*2	*4	*6	*8	*10			

Acceptability

SECURITY	STANDBY	NO SIGNAL	SHUTTER	FREEZE / D-ZOOM	TEST PATTERN	REMOTE2	ECO STANDBY	P IN P	LENS HOME	INITIAL SETTING	SIGNAL LOCK
✔	✔	✔	✔	✔	✔	✔		✔	✔	✔	✔

■Parameters(*1,*2,*3,*4,*5,*6,*7,*8,*9,*10)

	9600					19200					38400				
Hexadecimal	30h	30h	30h	30h	30h	30h	30h	30h	30h	31h	30h	30h	30h	30h	32h
Character	0	0	0	0	0	0	0	0	0	1	0	0	0	0	2

2.339. QUERY RS232C - (IN)PARITY [QVX: IPRI0]

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	51h	56h	58h	3Ah
Character		A	D	Z	Z	;	Q	V	X	:
Hexadecimal	49h	50h	52h	49h	30h	03h				
Character	I	P	R	I	0					

■Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	49h	50h	52h	49h	30h	3Dh	2Bh
Character		I	P	R	I	0	=	+
Hexadecimal	*1	*3	*5	*7	*9	03h		
Character	*2	*4	*6	*8	*10			

Acceptability

SECURITY	STANDBY	NO SIGNAL	SHUTTER	FREEZE / D-ZOOM	TEST PATTERN	REMOTE2	ECO STANDBY	P IN P	LENS HOME	INITIAL SETTING	SIGNAL LOCK
✔	✔	✔	✔	✔	✔	✔		✔	✔	✔	✔

■Parameters(*1,*2,*3,*4,*5,*6,*7,*8,*9,*10)

	NONE					EVEN					ODD				
Hexadecimal	30h	30h	30h	30h	30h	30h	30h	30h	30h	31h	30h	30h	30h	30h	32h
Character	0	0	0	0	0	0	0	0	0	1	0	0	0	0	2

2.340. QUERY EMULATE MODE [QVX:EMUI0]

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	51h	56h	58h	3Ah
Character		A	D	Z	Z	;	Q	V	X	:
Hexadecimal	45h	4Dh	55h	49h	30h	03h				
Character	E	M	U	I	0					

■Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	45h	4Dh	55h	49h	30h	3Dh	2Bh
Character		E	M	U	I	0	=	+
Hexadecimal	*1	*3	*5	*7	*9	03h		
Character	*2	*4	*6	*8	*10			

Acceptability

SECURITY	STANDBY	NO SIGNAL	SHUTTER	FREEZE / D-ZOOM	TEST PATTERN	REMOTE2	ECO STANDBY	P IN P	LENS HOME	INITIAL SETTING	SIGNAL LOCK
✔	✔	✔	✔	✔	✔	✔		✔	✔	✔	✔

■Parameters(*1,*2,*3,*4,*5,*6,*7,*8,*9,*10)

	DEFAULT					D3500(※1)					D4000(※2)				
Hexadecimal	30h	30h	30h	30h	30h	30h	30h	30h	30h	32h	30h	30h	30h	30h	33h
Character	0	0	0	0	0	0	0	0	0	2	0	0	0	0	3
	D/W5k Series(※3)					D/W/Z6k Series(※4)					L730				
Hexadecimal	30h	30h	30h	30h	34h	30h	30h	30h	30h	35h	30h	30h	30h	30h	36h
Character	0	0	0	0	4	0	0	0	0	5	0	0	0	0	6
	L780					L735					L785				
Hexadecimal	30h	30h	30h	30h	37h	30h	30h	30h	30h	38h	30h	30h	30h	30h	39h
Character	0	0	0	0	7	0	0	0	0	8	0	0	0	0	9
	LB Series					F Series					LZ370(※5)				
Hexadecimal	30h	30h	30h	31h	30h	30h	30h	30h	31h	31h	30h	30h	30h	31h	32h
Character	0	0	0	1	0	0	0	0	1	1	0	0	0	1	2
	VX/VW Series					EZ/EW/EX Series					VW431D(※5)				
Hexadecimal	30h	30h	30h	31h	33h	30h	30h	30h	31h	34h	30h	30h	30h	31h	35h
Character	0	0	0	1	3	0	0	0	1	4	0	0	0	1	5

(※1) China model is FD350.
(※2) China model is FD400.
(※3) China model is FD/FDW500Series。
(※4) China model is FD/W/Z600Series。
(※5) China model is not supported for these parameter.

2.341. QUERY CONTCT CONTROL [QVX:RMPI0]

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	51h	56h	58h	3Ah
Character		A	D	Z	Z	;	Q	V	X	:
Hexadecimal	52h	4Dh	50h	49h	30h	03h				
Character	R	M	P	I	0					

■Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	52h	4Dh	50h	49h	30h	3Dh	2Bh

Character		R	M	P	I	0	=	+
Hexadecimal	*1	*3	*5	*7	*9	03h		
Character	*2	*4	*6	*8	*10			

Acceptability

SECURITY	STANDBY	NO SIGNAL	SHUTTER	FREEZE / D-ZOOM	TEST PATTERN	REMOTE2	ECO STANDBY	P IN P	LENS HOME	INITIAL SETTING	SIGNAL LOCK
✔		✔	✔	✔	✔	✔		✔	✔	✔	✔

■Parameters(*1,*2,*3,*4,*5,*6,*7,*8,*9,*10)

	DEFAULT					USER					F/FW SERIES				
Hexadecimal	30h	30h	30h	30h	30h	30h	30h	30h	30h	31h	30h	30h	30h	30h	33h
Character	0	0	0	0	0	0	0	0	0	1	0	0	0	0	3

2.342. QUERY CONTACT CONTROL P2 [QVX: RMPS1=P2]

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	51h	56h	58h	3Ah
Character		A	D	Z	Z	;	Q	V	X	:
Hexadecimal	52h	4Dh	50h	53h	31h	3Dh	50h	32h	03h	
Character	R	M	P	S	1	=	P	2		

■Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	52h	4Dh	50h	53h	31h	3Dh	50h	32h	3Ch
Character		R	M	P	S	1	=	P	2	<
Hexadecimal	*1	*3	*5	*7	*9	03h				
Character	*2	*4	*6	*8	*10					

Acceptability

SECURITY	STANDBY	NO SIGNAL	SHUTTER	FREEZE / D-ZOOM	TEST PATTERN	REMOTE2	ECO STANDBY	P IN P	LENS HOME	INITIAL SETTING	SIGNAL LOCK
✔		✔	✔	✔	✔	✔		✔	✔	✔	✔

■Parameters(*1,*2,*3,*4,*5,*6,*7,*8,*9,*10)

	NONE				POWER				
Hexadecimal	4Eh	4Fh	4Eh	45h	50h	4Fh	57h	45h	52h
Character	N	O	N	E	P	O	W	E	R

2.343. QUERY CONTACT CONTROL P3 - P7 [QVX: RMPS1= P3～P7]

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	51h	56h	58h	3Ah
Character		A	D	Z	Z	;	Q	V	X	:
Hexadecimal	52h	4Dh	50h	53h	31h	3Dh	50h	*1	03h	
Character	R	M	P	S	1	=	P	*2		

■Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	52h	4Dh	50h	53h	31h	3Dh	50h	*1	3Ch
Character		R	M	P	S	1	=	P	*2	<
Hexadecimal	*3	*5	*7	*9	*11	03h				
Character	*4	*6	*8	*10	*12					

Acceptability

SECURITY	STANDBY	NO SIGNAL	SHUTTER	FREEZE / D-ZOOM	TEST PATTERN	REMOTE2	ECO STANDBY	P IN P	LENS HOME	INITIAL SETTING	SIGNAL LOCK
✔		✔	✔	✔	✔	✔		✔	✔	✔	✔

■Parameters(*1,*2)

	P3	P4	P5	P6	P7
Hexadecimal	33h	34h	35h	36h	37h
Character	3	4	5	6	7

■Parameters(*3,*4,*5,*6,*7,*8,*9,*10,*11,*12)

	NONE				RGB1				RGB2			
Hexadecimal	4Eh	4Fh	4Eh	45h	52h	47h	42h	31h	52h	47h	42h	32h
Character	N	O	N	E	R	G	B	1	R	G	B	2
	VIDEO				HDMI				DVI			
Hexadecimal	56h	49h	44h	45h	4Fh	48h	44h	4Dh	49h	44h	56h	49h
Character	V	I	D	E	O	H	D	M	I	D	V	I
	DLINK				DP1							
Hexadecimal	44h	4Ch	49h	4Eh	4Bh	44h	50h	31h				
Character	D	L	I	N	K	D	P	1				

■Note

* Parameter “DLNK” and “DP1” are effectuive only for Model Group A and C.

2.344. QUERY CONTACT CONTROL P8 [QVX: RMPS1= P8]

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	51h	56h	58h	3Ah
Character		A	D	Z	Z	;	Q	V	X	:
Hexadecimal	52h	4Dh	50h	53h	31h	3Dh	50h	38h	03h	

Character	R	M	P	S	1	=	P	8	

■Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	52h	4Dh	50h	53h	31h	3Dh	50h	38h	3Ch
Character		R	M	P	S	1	=	P	8	<
Hexadecimal	*1	*3	*5	*7	*9	*11	*13	03h		
Character	*2	*4	*6	*8	*10	*12	*14			

Acceptability

SECURITY	STANDBY	NO SIGNAL	SHUTTER	FREEZE / D-ZOOM	TEST PATTERN	REMOTE2	ECO STANDBY	P IN P	LENS HOME	INITIAL SETTING	SIGNAL LOCK
✔		✔	✔	✔	✔	✔		✔	✔	✔	✔

■Parameters(*1,*2,*3,*4,*5,*6,*7,*8,*9,*10,*11,*12,*13,*14)

	NONE				SHUTTER						
Hexadecimal	4Eh	4Fh	4Eh	45h	53h	48h	55h	54h	54h	45h	52h
Character	N	O	N	E	S	H	U	T	T	E	R

2.345. QUERY FUNCTION BUTTON [QFC]

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	51h	46h	43h	03h
Character		A	D	Z	Z	;	Q	F	C	

■Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	*1	03h
Character		*2	

Acceptability

SECURITY	STANDBY	NO SIGNAL	SHUTTER	FREEZE / D-ZOOM	TEST PATTERN	REMOTE2	ECO STANDBY	P IN P	LENS HOME	INITIAL SETTING	SIGNAL LOCK
✔	✔	✔	✔	✔	✔	✔		✔	✔	✔	✔

■Parameters(*1,*2)

	DISABLE	SYSTEM SELECTOR	SYSTEM DAYLIGHT VIEW	SUB MEMORY LIST
Hexadecimal	30h	31h	32h	33h
Character	0	1	2	3

	TEST PATTERN
Hexadecimal	39h
Character	9

2.346. QUERY VOLUME [QAV]

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	51h	41	56	03h
Character		A	D	Z	Z	;	Q	A	V	

■Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	*1	*3	*5	03h
Character		*2	*4	*6	

Acceptability

SECURITY	STANDBY	NO SIGNAL	SHUTTER	FREEZE / D-ZOOM	TEST PATTERN	REMOTE2	ECO STANDBY	P IN P	LENS HOME	INITIAL SETTING	SIGNAL LOCK
✔	✔	✔	✔	✔	✔	✔		✔	✔	✔	✔

■Parameters(*1,*2,*3,*4,*5,*6)

	0			1			2		
Hexadecimal	30h	30h	30	30h	30h	31	30h	30h	32
Character	0	0	0	0	0	1	0	0	2
	61			62			63		
Hexadecimal	30h	36h	31h	30h	36h	32h	30h	36h	33h
Character	0	6	1	0	6	2	0	6	3

2.347. QUERY AUDIO BALANCE [QBL]

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	51h	42	4C	03h
Character		A	D	Z	Z	;	Q	B	L	

■Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	*1	*3	*5	03h
Character		*2	*4	*6	

Acceptability

SECURITY	STANDBY	NO SIGNAL	SHUTTER	FREEZE / D-ZOOM	TEST PATTERN	REMOTE2	ECO STANDBY	P IN P	LENS HOME	INITIAL SETTING	SIGNAL LOCK
✔	✔	✔	✔	✔	✔	✔		✔	✔	✔	✔

■Parameters(*1,*2,*3,*4,*5,*6)

	-16			-15			-14		
Hexadecimal	2Dh	31h	36h	2Dh	31h	35h	2Dh	31h	34h
Character	-	1	6	-	1	5	-	1	4
	+14			+15			+16		

Hexadecimal	30h	31h	34h	30h	31h	35h	30h	31h	36h
Character	0	1	4	0	1	5	0	1	6

2.348. QUERY AUDIO STANDBYOPERATION [QVX: ASBI0]

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	51h	56h	58h	3Ah
Character		A	D	Z	Z	;	Q	V	X	:
Hexadecimal	41h	53h	42h	49h	30h	03h				
Character	A	S	B	I	0					

■Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	41h	53h	42h	49h	30h	3Dh	2Bh
Character		A	S	B	I	0	=	+
Hexadecimal	*1	*3	*5	*7	*9	03h		
Character	*2	*4	*6	*8	*10			

Acceptability

SECURITY	STANDBY	NO SIGNAL	SHUTTER	FREEZE / D-ZOOM	TEST PATTERN	REMOTE2	ECO STANDBY	P IN P	LENS HOME	INITIAL SETTING	SIGNAL LOCK
✔	✔	✔	✔	✔	✔	✔		✔	✔	✔	✔

■Parameters(*1,*2,*3,*4,*5,*6,*7,*8,*9,*10)

	OFF					ON				
Hexadecimal	30h	30h	30h	30h	30h	30h	30h	30h	30h	31h
Character	0	0	0	0	0	0	0	0	0	1

2.349. QUERY AUDIO INPUT SELECT [QVX: AINI]

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	51h	56h	58h	3Ah
Character		A	D	Z	Z	;	Q	V	X	:
Hexadecimal	41h	49h	4Eh	49h	*1	03h				
Character	A	I	N	I	*2					

■Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	41h	49h	4Eh	49h	*1	3Dh	2Bh
Character		A	I	N	I	*2	=	+
Hexadecimal	*3	*5	*7	*9	*11	03h		
Character	*4	*6	*8	*10	*12			

Acceptability

SECURITY	STANDBY	NO SIGNAL	SHUTTER	FREEZE / D-ZOOM	TEST PATTERN	REMOTE2	ECO STANDBY	P IN P	LENS HOME	INITIAL SETTING	SIGNAL LOCK
✔	✔	✔	✔	✔	✔	✔		✔	✔	✔	✔

■Parameters(*1,*2)

	RGB1	RGB2	DVI	HDMI	VIDEO	DIGITAL LINK	Display Port
Hexadecimal	30h	31h	32h	33h	34h	38h	39h
Character	0	1	2	3	4	8	9

■Parameters(*3,*4,*5,*6,*7,*8,*9,*10,*11,*12)

	AUDIO IN 1					AUDIO IN 2				
Hexadecimal	30h	30h	30h	30h	30h	30h	30h	30h	30h	31h
Character	0	0	0	0	0	0	0	0	0	1
	AUDIO IN 3					HDMI AUDIO IN				
Hexadecimal	30h	30h	30h	30h	32h	30h	30h	30h	30h	33h
Character	0	0	0	0	2	0	0	0	0	3
	DIGITAL LINK AUDIO IN					Display Port AUDIO IN				
Hexadecimal	30h	30h	30h	30h	35h	30h	30h	30h	30h	36h
Character	0	0	0	0	5	0	0	0	0	6

■Notes:

・HDMI AUDIO IN retuns for HDMI INPUTonly.

・DIGITAL LINK AUDIO IN returns for DIGITAL LINK INPUT only.

・Display Port AUDIO IN returns for Display port INPUT only.

・DisplayPort and DIGITAL LINK are supported by Model Group A and C.

2.350. QUERY DATE [QGD]

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	51h	47h	44h	03h
Character		A	D	Z	Z	;	Q	G	D	

■Response (Callback)

Hexadecimal	02h	*y1	*y2	*y3	*y4	*m1	*m2	*d1	*d2	*w	03h
Character											

■Parameters

*y1～*y4 : Year (4 digits)

*m1～*m2 : Month (2 digits)

*d1～*d2 : Day (2 digits)

*w : Day of the week(Mon=1, Tue=2, Wed=3, Thu=4, Fri=5, Sat=6, Sun=7)

Example: Friday, November 15, 2013

	*y1	*y2	*y3	*y4	*m1	*m2	*d1	*d2	*w
Hexadecimal	32h	30h	31h	33h	31h	31h	31h	35h	35h
Character	2	0	1	3	1	1	1	5	5

Acceptability

SECURITY	STANDBY	NO SIGNAL	SHUTTER	FREEZE / D-ZOOM	TEST PATTERN	REMOTE2	ECO STANDBY	P IN P	LENS HOME	INITIAL SETTING	SIGNAL LOCK
✔	✔	✔	✔	✔	✔	✔		✔	✔	✔	✔

2.351. QUERY TIME [QGT]

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	51h	47h	54h	03h
Character		A	D	Z	Z	;	Q	G	T	

■Response (Callback)

Hexadecimal	02h	*h1	*h2	*m1	*m2	*s1	*s2	03h
Character								

■Parameters

*h1～*h2 : Hour (2 digits)
*m1～*m2 : Minute (2 digits)
*s1～*s2 : Second (2 digits)
(UTC:Coordinated Universal Time)
Example: 3 seconds at p.m. 3:45

	*h1	*h2	*m1	*m2	*s1	*s2
Hexadecimal	31h	35h	34h	35h	30h	33h
Character	1	5	4	5	0	3

Acceptability

SECURITY	STANDBY	NO SIGNAL	SHUTTER	FREEZE / D-ZOOM	TEST PATTERN	REMOTE2	ECO STANDBY	P IN P	LENS HOME	INITIAL SETTING	SIGNAL LOCK
✔	✔	✔	✔	✔	✔	✔		✔	✔	✔	✔

2.352. QUERY DATE AND TIME [QCT]

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	51h	43h	54h	03h
Character		A	D	Z	Z	;	Q	C	T	

■Response (Callback)

Hexadecimal	02h	*y1	*y2	*y3	*y4	*m1	*m2	*d1	*d2
Character									
Hexadecimal	*h1	*h2	*m1	*m2	*s1	*s2	*s1	*s2	03h
Character									

■Parameters

*y1～*y4 : Year (4 digits)
*m1～*m2 : Month (2 digits)
*d1～*d2 : Day (2 digits)
*h1～*h2 : Hour (2 digits)
*m1～*m2 : Minute (2 digits)
*s1～*s2 : Second (2 digits)
*z1～*z2:Time zone (2 digits)
(UTC:Coordinated Universal Time) returns.
Example: Friday, November 15, 2013, 3 seconds at pm 3:45

	*y1	*y2	*y3	*y4	*m1	*m2	*d1	*d2
Hexadecimal	32h	30h	31h	33h	31h	31h	31h	35h
Character	2	0	1	3	1	1	1	5
	*h1	*h2	*m1	*m2	*s1	*s2	*z1	*z2
Hexadecimal	31h	35h	34h	35h	30h	33h	31h	37h
Character	1	5	4	5	0	3	1	7

Acceptability

SECURITY	STANDBY	NO SIGNAL	SHUTTER	FREEZE / D-ZOOM	TEST PATTERN	REMOTE2	ECO STANDBY	P IN P	LENS HOME	INITIAL SETTING	SIGNAL LOCK
✔	✔	✔	✔	✔	✔	✔		✔	✔	✔	✔

2.353. QUERY NTP SYNCHRONIZATION ON/OFF [QVX:NTPI0]

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	51h	56h	58h	3Ah
Character		A	D	Z	Z	;	Q	V	X	:
Hexadecimal	4Eh	54h	50h	49h	30h	03h				
Character	N	T	P	I	0					

■Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	4Eh	54h	50h	49h	30h	3Dh	2Bh
Character		N	T	P	I	0	=	+
Hexadecimal	*1	*3	*5	*7	*9	03h		
Character	*2	*4	*6	*8	*10			

Acceptability

SECURITY	STANDBY	NO	SHUTTER	FREEZE /	TEST	REMOTE2	ECO	P IN P	LENS	INITIAL	SIGNAL

		SIGNAL		D-ZOOM	PATTERN		STANDBY		HOME	SETTING	LOCK
✔	✔	✔	✔	✔	✔	✔		✔	✔	✔	✔

■Parameters(*1,*2,*3,*4,*5,*6,*7,*8,*9,*10)

	OFF					ON				
Hexadecimal	30h	30h	30h	30h	30h	30h	30h	30h	30h	31h
Character	0	0	0	0	0	0	0	0	0	1

2.354. QUERY P IN P[QPP]

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	51h	50h	50h	03h
Character		A	D	Z	Z	;	Q	P	P	

■Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	*1	03h
Character		*2	

Acceptability

SECURITY	STANDBY	NO SIGNAL	SHUTTER	FREEZE / D-ZOOM	TEST PATTERN	REMOTE2	ECO STANDBY	P IN P	LENS HOME	INITIAL SETTING	SIGNAL LOCK
✔	✔	✔	✔	○	✔	✔		✔	○	✔	✔

■Parameters(*1,*2)

	OFF	USER1	USER2	USER3
Hexadecimal	30h	31h	32h	33h
Character	0	1	2	3

2.355. QUERY P IN P - MAIN WINDOW INPUT [QIM]

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	51h	49h	4Dh	03h
Character		A	D	Z	Z	;	Q	I	M	

■Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	*1	*3	*5	03h
Character		*2	*4	*6	

Acceptability

SECURITY	STANDBY	NO SIGNAL	SHUTTER	FREEZE / D-ZOOM	TEST PATTERN	REMOTE2	ECO STANDBY	P IN P	LENS HOME	INITIAL SETTING	SIGNAL LOCK
✔		✔	✔	○	✔	✔		✔	○	✔	✔

■Parameters(*1,*2, *3, *4, *5, *6)

	RGB1			RGB2			Video			DVI		
Hexadecimal	52h	47h	31h	52h	47h	32h	56h	49h	44h	44h	56h	49h
Character	R	G	1	R	G	2	V	I	D	D	V	I
	HDMI			Display port			DIGITAL LINK					
Hexadecimal	48h	44h	31h	44h	50h	31h	44h	4Ch	31h			
Character	H	D	1	D	P	1	D	L	1			

■Note

* Parameter DisplayPort “DP1” and DIGITAL LINK “DL1” are effective only for Model Group A and C.

2.356. QUERY P IN P - MAIN WINDOW - SIZE [QSM]

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	51h	53h	4Dh	03h
Character		A	D	Z	Z	;	Q	S	M	

■Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	*1	*3	2Ch	56h	*5	*7	*9	2Ch	48h
Character		*2	*4	,	V	*6	*8	*10	,	H
Hexadecimal	*11	*13	*15	2Ch	56h	48h	*17	*19	*21	03h
Character	*12	*14	*16	,	H	V	*18	*20	*22	

Acceptability

SECURITY	STANDBY	NO SIGNAL	SHUTTER	FREEZE / D-ZOOM	TEST PATTERN	REMOTE2	ECO STANDBY	P IN P	LENS HOME	INITIAL SETTING	SIGNAL LOCK
✔		✔	✔	○	✔	✔		✔	○	✔	✔

■Parameters(*1,*2,*3,*4)

LINK

	OFF		ON	
Hexadecimal	4Fh	46h	4Fh	4Eh
Character	O	F	O	N

■Parameters(*5, *6, *7, *8, *9, *10)

VERTICAL SIZE

	10			11			12		
Hexadecimal	30h	31h	30h	30h	31h	31h	30h	31h	32h
Character	0	1	0	0	1	1	0	1	2
	98			99			100		

Hexadecimal	30h	39h	38h	30h	39h	39h	31h	30h	30h
Character	0	9	8	0	9	9	1	0	0

■Parameters(*11, *12, *13, *14, *15, *16)

HORIZONTAL SIZE

	10			11			12		
Hexadecimal	30h	31h	30h	30h	31h	31h	30h	31h	32h
Character	0	1	0	0	1	1	0	1	2
	98			99			100		
Hexadecimal	30h	39h	38h	30h	39h	39h	31h	30h	30h
Character	0	9	8	0	9	9	1	0	0

■Parameters(*17, *18, *19, *20, *21, *22)

HORIZ/VERT SIZE

	10			11			12		
Hexadecimal	30h	31h	30h	30h	31h	31h	30h	31h	32h
Character	0	1	0	0	1	1	0	1	2
	98			99			100		
Hexadecimal	30h	39h	38h	30h	39h	39h	31h	30h	30h
Character	0	9	8	0	9	9	1	0	0

2.357. QUERY P IN P - MAIN WINDOW - POSITION [QPA]

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	51h	50h	41h	03h
Character		A	D	Z	Z	;	Q	P	A	

■Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	56h	*1	*3	*5	*7	2Ch
Character		V	*2	*4	*6	*8	,
Hexadecimal	48h	*9	*11	*13	*15	03h	
Character	H	*10	*12	*14	*16		

Acceptability

SECURITY	STANDBY	NO SIGNAL	SHUTTER	FREEZE / D-ZOOM	TEST PATTERN	REMOTE2	ECO STANDBY	P IN P	LENS HOME	INITIAL SETTING	SIGNAL LOCK
✔		✔	✔	○	✔	✔		✔	○	✔	✔

■Parameters(*1, *2, *3, *4, *5, *6, *7, *8,)

VERTICAL SIZE

	-540				-539				-538			
Hexadecimal	2Dh	35h	34h	30h	2Dh	35h	33h	39h	2Dh	35h	33h	38h
Character	-	5	4	0	-	5	3	9	-	5	3	8
	+538				+539				+540			
Hexadecimal	2Bh	35h	33h	38h	2Bh	35h	33h	39h	2Bh	35h	34h	30h
Character	+	5	3	8	+	5	3	9	+	5	4	0

■Parameters(*9, *10, *11, *12, *13, *14, *15, *16)

HORIZONTAL SIZE

	-864				-863				-862			
Hexadecimal	2Dh	38h	36h	34h	2Dh	38h	36h	33h	2Dh	38h	36h	32h
Character	-	8	6	4	-	8	6	3	-	8	6	2
	+862				+863				+864			
Hexadecimal	2Bh	38h	36h	32h	2Bh	38h	36h	33h	2Bh	38h	36h	34h
Character	+	8	6	2	+	8	6	3	+	8	6	4

■Notes:

・The value of parameter is varied depending on the signal, model and menu condtion.

2.358. QUERY P IN P - SUB WINDOWIN PUT [QIS]

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	51h	49h	53h	03h
Character		A	D	Z	Z	;	Q	I	S	

■Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	*1	*3	*5	03h
Character		*2	*4	*6	

Acceptability

SECURITY	STANDBY	NO SIGNAL	SHUTTER	FREEZE / D-ZOOM	TEST PATTERN	REMOTE2	ECO STANDBY	P IN P	LENS HOME	INITIAL SETTING	SIGNAL LOCK
✔		✔	✔	○	✔	✔		✔	○	✔	✔

■Parameters(*1,*2, *3, *4, *5, *6)

	RGB1			RGB2			Video			DVI		
Hexadecimal	52h	47h	31h	52h	47h	32h	56h	49h	44h	44h	56h	49h
Character	R	G	1	R	G	2	V	I	D	D	V	I
	HDMI			Display port			DIGITAL LINK					
Hexadecimal	48h	44h	31h	44h	50h	31h	44h	4Ch	31h			
Character	H	D	1	D	P	1	D	L	1			

■Note

＊ Parameter DisplayPort “DP1” and DIGITAL LINK “DL1” are effective only for Model Group A and C.

2.359. QUERY P IN P - SUB WINDOW - SIZE [QSS]

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	51h	53h	53h	03h
Character		A	D	Z	Z	;	Q	S	S	

■Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	*1	*3	2Ch	56h	*5	*7	*9	2Ch	48h
Character		*2	*4	,	V	*6	*8	*10	,	H
Hexadecimal	*11	*13	*15	2Ch	56h	48h	*17	*19	*21	03h
Character	*12	*14	*16	,	H	V	*18	*20	*22	

Acceptability

SECURITY	STANDBY	NO SIGNAL	SHUTTER	FREEZE / D-ZOOM	TEST PATTERN	REMOTE2	ECO STANDBY	P IN P	LENS HOME	INITIAL SETTING	SIGNAL LOCK
✔		✔	✔	○	✔	✔		✔	○	✔	✔

■Parameters(*1,*2,*3,*4)

LINK

	OFF		ON	
Hexadecimal	4Fh	46h	4Fh	4Eh
Character	O	F	O	N

■Parameters(*5, *6, *7, *8, *9, *10)

VERTICAL SIZE

	10			11			12		
Hexadecimal	30h	31h	30h	30h	31h	31h	30h	31h	32h
Character	0	1	0	0	1	1	0	1	2
	98			99			100		
Hexadecimal	30h	39h	38h	30h	39h	39h	31h	30h	30h
Character	0	9	8	0	9	9	1	0	0

■Parameters(*11, *12, *13, *14, *15, *16)

HORIZONTAL SIZE

	10			11			12		
Hexadecimal	30h	31h	30h	30h	31h	31h	30h	31h	32h
Character	0	1	0	0	1	1	0	1	2
	98			99			100		
Hexadecimal	30h	39h	38h	30h	39h	39h	31h	30h	30h
Character	0	9	8	0	9	9	1	0	0

■Parameters(*17, *18, *19, *20, *21, *22)

HORIZONTAL/VERTICAL SIZE

	10			11			12		
Hexadecimal	30h	31h	30h	30h	31h	31h	30h	31h	32h
Character	0	1	0	0	1	1	0	1	2
	98			99			100		
Hexadecimal	30h	39h	38h	30h	39h	39h	31h	30h	30h
Character	0	9	8	0	9	9	1	0	0

2.360. QUERY P IN P - SUB WINDOW - POSITION [QPS]

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	51h	50h	53h	03h
Character		A	D	Z	Z	;	Q	P	S	

■Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	56h	*1	*3	*5	*7	2Ch
Character		V	*2	*4	*6	*8	,
Hexadecimal	48h	*9	*11	*13	*15	03h	
Character	H	*10	*12	*14	*16		

Acceptability

SECURITY	STANDBY	NO SIGNAL	SHUTTER	FREEZE / D-ZOOM	TEST PATTERN	REMOTE2	ECO STANDBY	P IN P	LENS HOME	INITIAL SETTING	SIGNAL LOCK
✔		✔	✔	○	✔	✔		✔	○	✔	✔

■Parameters(*1, *2, *3, *4, *5, *6, *7, *8,)

VERTICAL SIZE

	-540				-539				-538			
Hexadecimal	2Dh	35h	34h	30h	2Dh	35h	33h	39h	2Dh	35h	33h	38h
Character	-	5	4	0	-	5	3	9	-	5	3	8
	+538				+539				+540			
Hexadecimal	2Bh	35h	33h	38h	2Bh	35h	33h	39h	2Bh	35h	34h	30h
Character	+	5	3	8	+	5	3	9	+	5	4	0

■Parameters(*9, *10, *11, *12, *13, *14, *15, *16)

HORIZONTAL SIZE

	-864				-863				-862			
Hexadecimal	2Dh	38h	36h	34h	2Dh	38h	36h	33h	2Dh	38h	36h	32h
Character	-	8	6	4	-	8	6	3	-	8	6	2
	+862				+863				+864			

Hexadecimal	2Bh	38h	36h	32h	2Bh	38h	36h	33h	2Bh	38h	36h	34h
Character	+	8	6	2	+	8	6	3	+	8	6	4

■Notes:

・The value of parameter is varied depending on the signal, model and menu condtion.

2.361. QUERY P IN P - SUB WINDOW - CLOCK PHASE [QVX:SCPI0]

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	51h	56h	58h	3Ah
Character		A	D	Z	Z	;	Q	V	X	:
Hexadecimal	53h	43h	50h	49h	30h	03h				
Character	S	C	P	I	0					

■Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	53h	43h	50h	49h	30h	3Dh	2Bh
Character		S	C	P	I	0	=	+
Hexadecimal	*1	*3	*5	*7	*9	03h		
Character	*2	*4	*6	*8	*10			

Acceptability

SECURITY	STANDBY	NO SIGNAL	SHUTTER	FREEZE / D-ZOOM	TEST PATTERN	REMOTE2	ECO STANDBY	P IN P	LENS HOME	INITIAL SETTING	SIGNAL LOCK
✔		✔	✔	○	✔	✔		✔	○	✔	✔

■Parameters(*1,*2,*3,*4,*5,*6,*7,*8,*9,*10)

	0					1				
Hexadecimal	30h	30h	30h	30h	30h	30h	30h	30h	30h	31h
Character	0	0	0	0	0	0	0	0	0	1
	30					31				
Hexadecimal	30h	30h	30h	33h	30h	30h	30h	30h	33h	31h
Character	0	0	0	3	0	0	0	0	3	1

2.362. QUERY P IN P - FRAME LOCK [QPF]

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	51h	50h	46h	03h
Character		A	D	Z	Z	;	Q	P	F	

■Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	*1	03h
Character		*2	

Acceptability

SECURITY	STANDBY	NO SIGNAL	SHUTTER	FREEZE / D-ZOOM	TEST PATTERN	REMOTE2	ECO STANDBY	P IN P	LENS HOME	INITIAL SETTING	SIGNAL LOCK
✔		✔	✔	○	✔	✔		✔	○	✔	✔

■Parameters(*1,*2)

	MAIN WINDOW	SUB WINDOW
Hexadecimal	30h	31h
Character	0	1

2.363. QUERY P IN P - TYPE [QPT]

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	51h	50h	54h	03h
Character		A	D	Z	Z	;	Q	P	T	

■Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	*1	03h
Character		*2	

Acceptability

SECURITY	STANDBY	NO SIGNAL	SHUTTER	FREEZE / D-ZOOM	TEST PATTERN	REMOTE2	ECO STANDBY	P IN P	LENS HOME	INITIAL SETTING	SIGNAL LOCK
✔		✔	✔	○	✔	✔		✔	○	✔	✔

■Parameters(*1,*2)

	MAIN WINDOW	SUB WINDOW
Hexadecimal	30h	31h
Character	0	1

2.364. QUERY SUB MEMORY STATUS [QSB]

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	51h	53h	42h	03h
Character		A	D	Z	Z	;	Q	S	B	

■Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	*1	*3	03h
Character		*2	*4	

Acceptability

SECURITY	STANDBY	NO	SHUTTER	FREEZE /	TEST	REMOTE2	ECO	P IN P	LENS	INITIAL	SIGNAL

		SIGNAL		D-ZOOM	PATTERN		STANDBY		HOME	SETTING	LOCK
✔			✔	✔	✔	✔		✔	✔	✔	✔

■Parameters(*1,*2,*3,*4)

It returns ER401 if sub memory is not used.

	01		02		03		04	
Hexadecimal	30h	31h	30h	32h	30h	33h	30h	34h
Character	0	1	0	2	0	3	0	4
	93		94		95		96	
Hexadecimal	39h	33h	39h	34h	39h	35h	39h	36h
Character	9	3	9	4	9	5	9	6

2.365. QUERY DIGITAL LINKMODE [QVX:DKMI1]

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	51h	56h	58h	3Ah
Character		A	D	Z	Z	;	Q	V	X	:
Hexadecimal	44h	4Bh	4Dh	49h	31h	03h				
Character	D	K	M	I	1					

■Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	44h	4Bh	4Dh	49h	31h	3Dh	2Bh
Character		D	K	M	I	1	=	+
Hexadecimal	*1	*3	*5	*7	*9	03h		
Character	*2	*4	*6	*8	*10			

Acceptability

SECURITY	STANDBY	NO SIGNAL	SHUTTER	FREEZE / D-ZOOM	TEST PATTERN	REMOTE2	ECO STANDBY	P IN P	LENS HOME	INITIAL SETTING	SIGNAL LOCK
✔	✔	✔	✔	✔	✔	✔		✔	✔	✔	✔

■Parameters(*1,*2,*3,*4,*5,*6,*7,*8,*9,*10)

	AUTO					DIGITAL LINK				
Hexadecimal	30h	30h	30h	30h	30h	30h	30h	30h	30h	31h
Character	0	0	0	0	0	0	0	0	0	1
	ETHERNET									
Hexadecimal	30h	30h	30h	30h	32h					
Character	0	0	0	0	2					

■Note

*This command is effective only for Model Group A and C.

2.366. QUERY DUPLEX(ETHERNET) [QVX:DKDI1]

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	51h	56h	58h	3Ah
Character		A	D	Z	Z	;	Q	V	X	:
Hexadecimal	44h	4Bh	44h	49h	31h	03h				
Character	D	K	D	I	1					

■Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	44h	4Bh	44h	49h	31h	3Dh	2Bh
Character		D	K	D	I	1	=	+
Hexadecimal	*1	*3	*5	*7	*9	03h		
Character	*2	*4	*6	*8	*10			

Acceptability

SECURITY	STANDBY	NO SIGNAL	SHUTTER	FREEZE / D-ZOOM	TEST PATTERN	REMOTE2	ECO STANDBY	P IN P	LENS HOME	INITIAL SETTING	SIGNAL LOCK
✔	✔	✔	✔	✔	✔	✔		✔	✔	✔	✔

■Parameters(*1,*2,*3,*4,*5,*6,*7,*8,*9,*10)

	AUTO					100BaseTX-Full				
Hexadecimal	30h	30h	30h	30h	30h	30h	30h	30h	30h	31h
Character	0	0	0	0	0	0	0	0	0	1
	100BaseTX-Half									
Hexadecimal	30h	30h	30h	30h	32h					
Character	0	0	0	0	2					

■Note

* This command is effective only for Model Group A and C.

2.367. QUERY DUPLEX(DIGITAL LINK) [QVX:DKDI2]

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	51h	56h	58h	3Ah
Character		A	D	Z	Z	;	Q	V	X	:
Hexadecimal	44h	4Bh	44h	49h	32h	03h				
Character	D	K	D	I	2					

■Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	44h	4Bh	44h	49h	32h	3Dh	2Bh
Character		D	K	D	I	2	=	+
Hexadecimal	*1	*3	*5	*7	*9	03h		
Character	*2	*4	*6	*8	*10			

Acceptability

SECURITY	STANDBY	NO SIGNAL	SHUTTER	FREEZE / D-ZOOM	TEST PATTERN	REMOTE2	ECO STANDBY	P IN P	LENS HOME	INITIAL SETTING	SIGNAL LOCK
✔	✔	✔	✔	✔	✔	✔		✔	✔	✔	✔

■Parameters(*1,*2,*3,*4,*5,*6,*7,*8,*9,*10)

	AUTO					100BaseTX-Full				
Hexadecimal	30h	30h	30h	30h	30h	30h	30h	30h	30h	31h
Character	0	0	0	0	0	0	0	0	0	1
	100BaseTX-Half									
Hexadecimal	30h	30h	30h	30h	32h					
Character	0	0	0	0	2					

■Note

* This command is effective only for Model Group A and C.

2.368. QUERY DIGITAL LINK STATUS(LINK) [QVX:DKSI1]

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	51h	56h	58h	3Ah
Character		A	D	Z	Z	;	Q	V	X	:
Hexadecimal	44h	4Bh	53h	49h	31h	03h				
Character	D	K	S	I	1					

■Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	44h	4Bh	53h	49h	31h	3Dh	2Bh
Character		D	K	S	I	1	=	+
Hexadecimal	*1	*3	*5	*7	*9	03h		
Character	*2	*4	*6	*8	*10			

Acceptability

SECURITY	STANDBY	NO SIGNAL	SHUTTER	FREEZE / D-ZOOM	TEST PATTERN	REMOTE2	ECO STANDBY	P IN P	LENS HOME	INITIAL SETTING	SIGNAL LOCK
✔	✔	✔	✔	✔	✔	✔		✔	✔	✔	✔

■Parameters(*1,*2,*3,*4,*5,*6,*7,*8,*9,*10)

	NO LINK					DIGITAL LINK				
Hexadecimal	30h	30h	30h	30h	30h	30h	30h	30h	30h	31h
Character	0	0	0	0	0	0	0	0	0	1
	LPM					ETHERNET				
Hexadecimal	30h	30h	30h	30h	32h	30h	30h	30h	30h	33h
Character	0	0	0	0	2	0	0	0	0	3

■Note

* This command is effective only for Model Group A and C.

2.369. QUERY DIGITAL LINKSTATUS (HDCP) [QVX:DKSI2]

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	51h	56h	58h	3Ah
Character		A	D	Z	Z	;	Q	V	X	:
Hexadecimal	44h	4Bh	53h	49h	32h	03h				
Character	D	K	S	I	2					

■Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	44h	4Bh	53h	49h	32h	3Dh	2Bh
Character		D	K	S	I	2	=	+
Hexadecimal	*1	*3	*5	*7	*9	03h		
Character	*2	*4	*6	*8	*10			

Acceptability

SECURITY	STANDBY	NO SIGNAL	SHUTTER	FREEZE / D-ZOOM	TEST PATTERN	REMOTE2	ECO STANDBY	P IN P	LENS HOME	INITIAL SETTING	SIGNAL LOCK
✔	✔	✔	✔	✔	✔	✔		✔	✔	✔	✔

■Parameters(*1,*2,*3,*4,*5,*6,*7,*8,*9,*10)

	NO SIGNAL					OFF				
Hexadecimal	30h	30h	30h	30h	30h	30h	30h	30h	30h	31h
Character	0	0	0	0	0	0	0	0	0	1
	ON									
Hexadecimal	30h	30h	30h	30h	32h					
Character	0	0	0	0	2					

■Note

* This command is effective only for Model Group A and C.

2.370. QUERY DIGITAL LINKSTATUS (SIGNAL QUALITY-POOR) [QVX:DKSI3]

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	51h	56h	58h	3Ah

Character		A	D	Z	Z	;	Q	V	X	:
Hexadecimal	44h	4Bh	53h	49h	33h	03h				
Character	D	K	S	I	3					

■Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	44h	4Bh	53h	49h	33h	3Dh	*1	*3	*5
Character		D	K	S	I	3	=	*2	*4	*6
Hexadecimal	*7	*9	*11	03h						
Character	*8	*10	*12							

Acceptability

SECURITY	STANDBY	NO SIGNAL	SHUTTER	FREEZE / D-ZOOM	TEST PATTERN	REMOTE2	ECO STANDBY	P IN P	LENS HOME	INITIAL SETTING	SIGNAL LOCK
✔	✔	✔	✔	✔	✔	✔		✔	✔	✔	✔

■Parameters(*1,*2,*3,*4,*5,*6,*7,*8,*9,*10,*11,*12)

	-255						0					
Hexadecimal	2Dh	30h	30h	32h	35h	35h	2Bh	30h	30h	30h	30h	30h
Character	-	0	0	2	5	5	+	0	0	0	0	0

■Note

* This command is effective only for Model Group A and C.

2.371. QUERY DIGITAL LINKSTATUS (SIGNAL QUALITY-MAX) [QVX:DKSI4]

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	51h	56h	58h	3Ah
Character		A	D	Z	Z	;	Q	V	X	:
Hexadecimal	44h	4Bh	53h	49h	34h	03h				
Character	D	K	S	I	4					

■Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	44h	4Bh	53h	49h	34h	3Dh	*1	*3	*5
Character		D	K	S	I	4	=	*2	*4	*6
Hexadecimal	*7	*9	*11	03h						
Character	*8	*10	*12							

Acceptability

SECURITY	STANDBY	NO SIGNAL	SHUTTER	FREEZE / D-ZOOM	TEST PATTERN	REMOTE2	ECO STANDBY	P IN P	LENS HOME	INITIAL SETTING	SIGNAL LOCK
✔	✔	✔	✔	✔	✔	✔		✔	✔	✔	✔

■Parameters(*1,*2,*3,*4,*5,*6,*7,*8,*9,*10,*11,*12)

	-255						0					
Hexadecimal	2Dh	30h	30h	32h	35h	35h	2Bh	30h	30h	30h	30h	30h
Character	-	0	0	2	5	5	+	0	0	0	0	0

■Note

* This command is effective only for Model Group A and C.

2.372. QUERY DIGITAL LINK INPUT CHANNEL LIST [QVX:DL1S1]

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	51h	56h	58h	3Ah
Character		A	D	Z	Z	;	Q	V	X	:
Hexadecimal	44h	4Ch	31h	53h	31h	03h				
Character	D	L	1	S	1					

■Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	44h	4Ch	31h	53h	31h	3Dh	*1	*3
Character		D	L	1	S	1	=	*2	*4
Hexadecimal	*5	*7	*9	…	*n	03h			
Character	*6	*8	*10	…	*n+1				

Acceptability

SECURITY	STANDBY	NO SIGNAL	SHUTTER	FREEZE / D-ZOOM	TEST PATTERN	REMOTE2	ECO STANDBY	P IN P	LENS HOME	INITIAL SETTING	SIGNAL LOCK
✔	✔	✔	✔	✔	✔	✔		✔	✔	✔	✔

■Parameters(*1,*2…)

Parameters is valiable length. It returns response if digital interface box is connected.
When connecting ET-YFB100, returned response are as the below.
HD1:HDMI1, HD2:HDMI2, PC1:COMPUTER1, PC2:COMPUTER2, VID:VIDEO, SVD:S-VIDEO

■Note

* This command is effective only for Model Group A and C.

2.373. QUERY PROJECTOR NAME [QVX:NCGS8]

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	51h	56h	58h	3Ah
Character		A	D	Z	Z	;	Q	V	X	:
Hexadecimal	4Eh	43h	47h	53h	38h	03h				
Character	N	C	G	S	8					

■Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	4Eh	43h	47h	53h	38h	3Dh	*1	*3	*5
Character		N	C	G	S	8	=	*2	*4	*6
Hexadecimal	*7	*9	*11	*13	*15	*17	*19	*21	*23	03h
Character	*8	*10	*12	*14	*16	*18	*20	*22	*24	

Acceptability

SECURITY	STANDBY	NO SIGNAL	SHUTTER	FREEZE / D-ZOOM	TEST PATTERN	REMOTE2	ECO STANDBY	P IN P	LENS HOME	INITIAL SETTING	SIGNAL LOCK
✔	✔	✔	✔	✔	✔	✔		✔	✔	✔	✔

■Parameters(*1,*2,*3,*4,*5,*6,*7,*8,*9,*10,*11,*12,*13,*14,*15,*16,*17,*18,*19,*20,*21,*22,*23,*24)

例:PROJECTOR1 の場合

	PROJECTOR1									
Hexadecimal	50h	52h	4Fh	4Ah	45h	43h	54h	4Fh	52h	31h
Character	P	R	O	J	E	C	T	O	R	1

■Notes:

・Name is valiable length.

2.374. QUERY MAC ADDRESS [QMA]

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	51h	4Dh	41h	03h
Character		A	D	Z	Z	;	Q	M	A	

■Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	*1	*3	～	*21	*23	03h
Character		*2	*4		*22	*24	

Acceptability

SECURITY	STANDBY	NO SIGNAL	SHUTTER	FREEZE / D-ZOOM	TEST PATTERN	REMOTE2	ECO STANDBY	P IN P	LENS HOME	INITIAL SETTING	SIGNAL LOCK
✔	✔	✔	✔	✔	✔	✔		✔	✔	✔	✔

■Parameters(*1,*2,*3,*4,*5,*6,*7,*8,*9,*10,*11,*12,*13,*14,*15,*16,*17,*18,*19,*20,*21,*22,*23,*24)

Ex.:AB0102030405

	AB0102030405											
Hexadecimal	41h	42h	30h	31h	30h	32h	30h	33h	30h	34h	30h	35h
Character	A	B	0	1	0	2	0	3	0	4	0	5

2.375. QUERYMODEL SERIES[QID]

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	51h	49h	44h	03h
Character		A	D	Z	Z	;	Q	I	D	

■Response (Callback)

In the period when the command can be accepted

In case of PT-EZ770

Hexadecimal	02h	45h	5Ah	37h	37h	30h	03h
Character		E	Z	7	7	0	

In case of PT-EW730

Hexadecimal	02h	45h	57h	37h	33h	30h	03h
Character		E	W	7	3	0	

In case of PT-EX800

Hexadecimal	02h	45h	58h	38h	30h	30h	03h
Character		E	X	8	0	0	

Acceptability

SECURITY	STANDBY	NO SIGNAL	SHUTTER	FREEZE / D-ZOOM	TEST PATTERN	REMOTE2	ECO STANDBY	P IN P	LENS HOME	INITIAL SETTING	SIGNAL LOCK
✔	✔	✔	✔	✔	✔	✔	✔	✔	✔	✔	✔

2.376. QUERY SERIAL NO. [QSN]

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	51h	53h	4Eh	03h
Character		A	D	Z	Z	;	Q	S	N	

■Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	*1	*3	～	*21	*23	03h
Character		*2	*4		*22	*24	

Acceptability

SECURITY	STANDBY	NO SIGNAL	SHUTTER	FREEZE / D-ZOOM	TEST PATTERN	REMOTE2	ECO STANDBY	P IN P	LENS HOME	INITIAL SETTING	SIGNAL LOCK
✔	✔	✔	✔	✔	✔	✔	✔	✔	✔	✔	✔

■Parameters(*1,*2,*3,*4 ～*21,*22,*23,*24)

Serial no. is returned.

Ex: not provide the serial no.

Hexadecimal	02h	03h
Character		

Ex.: SW0101234

Hexadecimal	02h	53h	57h	30h	31h	30h	31h	32h	33h	34h	03h
Character		S	W	0	1	0	1	2	3	4	

■Notes:

・Serial no. is valiable length.

2.377. QUERY MAIN CPU FW VERSION [QVX:SVRS0]

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	51h	56h	58h	3Ah
Character		A	D	Z	Z	;	Q	V	X	:
Hexadecimal	53h	56h	52h	53h	30h	03h				
Character	S	V	R	S	0					

■Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	53h	56h	52h	53h	30h	3Dh	*1	*3	*5
Character		S	V	R	S	0	=	*2	*4	*6
Hexadecimal	*7	*9	*11	*13	*15	03h				
Character	*8	*10	*12	*14	*16					

Acceptability

SECURITY	STANDBY	NO SIGNAL	SHUTTER	FREEZE / D-ZOOM	TEST PATTERN	REMOTE2	ECO STANDBY	P IN P	LENS HOME	INITIAL SETTING	SIGNAL LOCK
✔	✔	✔	✔	✔	✔	✔	✔	✔	✔	✔	✔

■Parameters(*1,*2,*3,*4,*5,*6,*7,*8,*9,*10,*11,*12. *13, *14, *15, *16)

Ex.: Version is 1.00

Hexadecimal	31h	2Eh	30h	30h
Character	1	.	0	0

Ex.: Version is 1.00.01

Hexadecimal	31h	2Eh	30h	30h	2Eh	30h	31h
Character	1	.	0	0	.	0	1

■Notes:

・Version is valiable length.

2.378. QUERY NETWORK CPU FW VERSION [QVX:SVRS1]

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	51h	56h	58h	3Ah
Character		A	D	Z	Z	;	Q	V	X	:
Hexadecimal	53h	56h	52h	53h	31h	03h				
Character	S	V	R	S	1					

■Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	53h	56h	52h	53h	31h	3Dh	*1	*3	*5
Character		S	V	R	S	1	=	*2	*4	*6
Hexadecimal	*7	*9	*11	*13	*15	03h				
Character	*8	*10	*12	*14	*16					

Acceptability

SECURITY	STANDBY	NO SIGNAL	SHUTTER	FREEZE / D-ZOOM	TEST PATTERN	REMOTE2	ECO STANDBY	P IN P	LENS HOME	INITIAL SETTING	SIGNAL LOCK
✔	✔	✔	✔	✔	✔	✔	✔	✔	✔	✔	✔

■Parameters(*1,*2,*3,*4,*5,*6,*7,*8,*9,*10,*11,*12)

Ex.: Version is 1.00.

Hexadecimal	31h	2Eh	30h	30h
Character	1	.	0	0

Ex.: Version is 1.00.01

Hexadecimal	31h	2Eh	30h	30h	2Eh	30h	31h
Character	1	.	0	0	.	0	1

■Notes:

・Version is valiable length.

2.379. QUERY SUB CPU FW VERSION [QVX:SVRS2]

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	51h	56h	58h	3Ah
Character		A	D	Z	Z	;	Q	V	X	:
Hexadecimal	53h	56h	52h	53h	32h	03h				
Character	S	V	R	S	2					

■Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	53h	56h	52h	53h	32h	3Dh	*1	*3	*5
Character		S	V	R	S	2	=	*2	*4	*6
Hexadecimal	*7	*9	*11	*13	*15	03h				
Character	*8	*10	*12	*14	*16					

Acceptability

SECURITY	STANDBY	NO SIGNAL	SHUTTER	FREEZE / D-ZOOM	TEST PATTERN	REMOTE2	ECO STANDBY	P IN P	LENS HOME	INITIAL SETTING	SIGNAL LOCK
✔	✔	✔	✔	✔	✔	✔	✔	✔	✔	✔	✔

■Parameters(*1,*2,*3,*4,*5,*6,*7,*8,*9,*10,*11,*12)

Ex.: Version is 1.00.

Hexadecimal	31h	2Eh	30h	30h
Character	1	.	0	0

Ex.: Version is 1.00.01

Hexadecimal	31h	2Eh	30h	30h	2Eh	30h	31h
Character	1	.	0	0	.	0	1

■Notes:

・Version is valiable length.

2.380. QUERY HDBaseT (Digital Link) VERSION [QVX:SVRS5]

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	51h	56h	58h	3Ah
Character		A	D	Z	Z	;	Q	V	X	:
Hexadecimal	53h	56h	52h	53h	35h	03h				
Character	S	V	R	S	5					

■Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	53h	56h	52h	53h	35h	3Dh	*1	*3	*5
Character		S	V	R	S	5	=	*2	*4	*6
Hexadecimal	*7	*9	*11	*13	*15	03h				
Character	*8	*10	*12	*14	*16					

Acceptability

SECURITY	STANDBY	NO SIGNAL	SHUTTER	FREEZE / D-ZOOM	TEST PATTERN	REMOTE2	ECO STANDBY	P IN P	LENS HOME	INITIAL SETTING	SIGNAL LOCK
✔	✔	✔	✔	✔	✔	✔	✔	✔	✔	✔	✔

■Parameters(*1,*2,*3,*4,*5,*6,*7,*8,*9,*10,*11,*12)

Ex.: Version is 1.30.52.0

Hexadecimal	31h	2Eh	33h	30h	2Eh	35h	32h	2Eh	30h
Character	1	.	3	0	.	5	2	.	0

■Note

This command is effective only for Model Group A and C.

2.381. QUERY FAN VOLTAGE [QVX:FNVI]

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	51h	56h	58h	3Ah
Character		A	D	Z	Z	;	Q	V	X	:
Hexadecimal	46	4E	56	49h	*1	03h				
Character	F	N	V	I	*2					

■Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	46	4E	56	49h	*1	3Dh	2Bh	*3	*5
Character		F	N	V	I	*2	=	+	*4	*6
Hexadecimal	*7	*9	*11	03h						
Character	*8	*10	*12							

Acceptability

SECURITY	STANDBY	NO SIGNAL	SHUTTER	FREEZE / D-ZOOM	TEST PATTERN	REMOTE2	ECO STANDBY	P IN P	LENS HOME	INITIAL SETTING	SIGNAL LOCK
✔	✔	✔	✔	✔	✔	✔		✔	✔	✔	✔

■ *1.*2(SELECTION OF FAN)

	LCD R FAN	LCD G FAN	LCD B FAN
Hexadecimal	31h	32h	33h
Character	1	2	3
	PBS FAN	LAMP FAN 1	LAMP FAN 2
Hexadecimal	34h	35h	36h
Character	4	5	6
	POWER FAN	EXHAUST FAN	
Hexadecimal	37h	38h	
Character	7	8	

■Parameters(*3,*4,*5,*6,*7,*8,*9,*10,*11,*12)

	0					99999				
Hexadecimal	30h	30h	30h	30h	30h	39h	39h	39h	39h	39h
Character	0	0	0	0	0	9	9	9	9	9

■Notes:

・Parameters range is 00000-99999. The value of FAN DUTY ratiois x 100 (upper 3 digit for integer and lower 2 digits is for decimal)

2.382. QUERYPROJECTOR RUNTIME [QST]

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	51h	53h	54h	03h
Character		A	D	Z	Z	;	Q	S	T	

■Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	*1	*3	*5	*7	*9	03h
Character		*2	*4	*6	*8	*10	

Acceptability

SECURITY	STANDBY	NO SIGNAL	SHUTTER	FREEZE / D-ZOOM	TEST PATTERN	REMOTE2	ECO STANDBY	P IN P	LENS HOME	INITIAL SETTING	SIGNAL LOCK
✔	✔	✔	✔	✔	✔	✔	✔	✔	✔	✔	✔

■Parameters(*1,*2,*3,*4,*5,*6,*7,*8,*9,*10)

	0h					1h				
Hexadecimal	30h	30h	30h	30h	30h	30h	30h	30h	30h	31h
Character	0	0	0	0	0	0	0	0	0	1
	99998h					99999h				
Hexadecimal	39h	39h	39h	39h	38h	39h	39h	39h	39h	39h
Character	9	9	9	9	8	9	9	9	9	9

2.383. QUERY LAMP 1 RUNTIME [Q$L:1]

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	51h	24h	4Ch	3Ah	31h	03h
Character		A	D	Z	Z	;	Q	$	L	:	1	

■Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	*1	*3	*5	*7	03h
Character		*2	*4	*6	*8	

Acceptability

SECURITY	STANDBY	NO SIGNAL	SHUTTER	FREEZE / D-ZOOM	TEST PATTERN	REMOTE2	ECO STANDBY	P IN P	LENS HOME	INITIAL SETTING	SIGNAL LOCK
✔	✔	✔	✔	✔	✔	✔	✔	✔	✔	✔	✔

■Parameters(*1,*2,*3,*4,*5,*6,*7,*8)

	0 h				1 h			
Hexadecimal	30h	30h	30h	30h	30h	30h	30h	31h
Character	0	0	0	0	0	0	0	1
	9998 h				9999 h			
Hexadecimal	39h	39h	39h	38h	39h	39h	39h	39h
Character	9	9	9	8	9	9	9	9

2.384. QUERY TEPMERATURE [QTM]

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	51h	54h	4Dh	3Ah	*1	03h
Character		A	D	Z	Z	;	Q	T	M	:	*2	

■Parameters(*1,*2)

	INTAKE AIR TEMP	EXHAUST AIR TEMP
Hexadecimal	30h	31h
Character	0	1

■Response (Callback)

- 20 degrees Celsius

		Celsius					Fahrenheit				
Hexadecimal	02h	2Dh	30h	32h	30h	2Fh	2Dh	30h	30h	34h	03h
Character		-	0	2	0	/	-	0	0	4	

120 degrees Celsius

		Celsius					Fahrenheit				
Hexadecimal	02h	30h	31h	32h	30h	2Fh	30h	32h	34h	38h	03h
Character		0	1	2	0	/	0	2	4	8	

Acceptability

SECURITY	STANDBY	NO SIGNAL	SHUTTER	FREEZE / D-ZOOM	TEST PATTERN	REMOTE2	ECO STANDBY	P IN P	LENS HOME	INITIAL SETTING	SIGNAL LOCK
✔	✔	✔	✔	✔	✔	✔		✔	✔	✔	✔

2.385. QUERY LAMP UNIT MODEL NO.[QVX:LMNS0]

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	51h	56h	58h	3Ah
Character		A	D	Z	Z	;	Q	V	X	:
Hexadecimal	4Ch	4Dh	4Eh	53h	30h	03h				
Character	L	M	N	S	0					

■Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	4Ch	4Dh	4Eh	53h	30h	3Dh	*1	*3	*5

Character		L	M	N	S	0	=	*2	*4	*6
Hexadecimal	*7	*9	*11	*13	*15	*17	*19	03h		
Character	*8	*10	*12	*14	*16	*18	*20			

Acceptability

SECURITY	STANDBY	NO SIGNAL	SHUTTER	FREEZE / D-ZOOM	TEST PATTERN	REMOTE2	ECO STANDBY	P IN P	LENS HOME	INITIAL SETTING	SIGNAL LOCK
✔	✔	✔	✔	✔	✔	✔	✔	✔	✔	✔	✔

■Parameters(*1,*2,*3,*4 ～*17,*18, *19, *20)

Returns model no. of lamp unit.

Lamp for global

Hexadecimal	45h	54h	2Dh	4Ch	41h	45h	33h	30h	30h
Character	E	T	-	L	A	E	3	0	0

Lamp for China

Hexadecimal	45h	54h	2Dh	4Ch	41h	44h	33h	30h	30h	43h
Character	E	T	-	L	A	E	3	0	0	C

2.386. QUERY LAMP CONTROL STATUS [Q$S]

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	51h	24h	53h	03h
Character		A	D	Z	Z	;	Q	$	S	

■Response (Callback)

LAMP is OFF

Hexadecimal	02h	30h	03h
Character		0	

LAMP starting up

Hexadecimal	02h	31h	03h
Character		1	

LAMP is ON

Hexadecimal	02h	32h	03h
Character		2	

LAMP is in cooling

Hexadecimal	02h	33h	03h
Character		3	

Acceptability

SECURITY	STANDBY	NO SIGNAL	SHUTTER	FREEZE / D-ZOOM	TEST PATTERN	REMOTE2	ECO STANDBY	P IN P	LENS HOME	INITIAL SETTING	SIGNAL LOCK
✔	✔	✔	✔	✔	✔	✔	✔	✔	✔	✔	✔

2.387. QUERY LAMP STATUS [QLS]

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	51h	4Ch	53h	03h
Character		A	D	Z	Z	;	Q	L	S	

■Response (Callback)

LAMP is OFF

Hexadecimal	02h	30h	03h
Character		0	

LAMP is ON

Hexadecimal	02h	31h	03h
Character		1	

Acceptability

SECURITY	STANDBY	NO SIGNAL	SHUTTER	FREEZE / D-ZOOM	TEST PATTERN	REMOTE2	ECO STANDBY	P IN P	LENS HOME	INITIAL SETTING	SIGNAL LOCK
✔	✔	✔	✔	✔	✔	✔	✔	✔	✔	✔	✔

2.388. QUERY SECURITY [QVX:SPWI1]

Hexadecimal	02h	41h	44h	5Ah	5Ah	3Bh	51h	56h	58h	3Ah
Character		A	D	Z	Z	;	Q	V	X	:
Hexadecimal	53h	50h	57h	49h	31h	03h				
Character	S	P	W	I	1					

■Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	53h	50h	57h	49h	31h	3Dh	2Bh
Character		S	P	W	I	1	=	+
Hexadecimal	*1	*3	*5	*7	*9	03h		
Character	*2	*4	*6	*8	*10			

Acceptability

SECURITY	STANDBY	NO SIGNAL	SHUTTER	FREEZE / D-ZOOM	TEST PATTERN	REMOTE2	ECO STANDBY	P IN P	LENS HOME	INITIAL SETTING	SIGNAL LOCK
✔	✔	✔	✔	✔	✔	✔		✔	✔	✔	✔

■Parameters(*1,*2,*3,*4,*5,*6,*7,*8,*9,*10)

	OFF					ON				
Hexadecimal	30h	30h	30h	30h	30h	30h	30h	30h	30h	31h

Character	0	0	0	0	0	0	0	0	0	1

3. Extended Control Command

Start (STX)	ID	Command	Parameters	END (ETX)
1 byte	1 byte	1 byte or 2 byte	Undefined length	1 byte

ID of the extended control command

ID	Hexadecimal (1 byte)
ID オール	00
ID1	01
ID2	02
ID3	03
ID4	04
ID5	05
ID6	06
ID7	07
ID8	08
ID9	09
ID10	0A
ID11	0B
ID12	0C
ID13	0D
ID14	0E
ID15	0F
ID16	10
ID17	11
ID18	12
ID19	13
ID20	14
ID21	15
ID22	16

ID	Hexadecimal (1 byte)
ID23	17
ID24	18
ID25	19
ID26	1A
ID27	1B
ID28	1C
ID29	1D
ID30	1E
ID31	1F
ID32	20
ID33	21
ID34	22
ID35	23
ID36	24
ID37	25
ID38	26
ID39	27
ID40	28
ID41	29
ID42	2A
ID43	2B
ID44	2C
ID45	2D

ID	Hexadecimal (1 byte)
ID46	2E
ID47	2F
ID48	30
ID49	31
ID50	32
ID51	33
ID52	34
ID53	35
ID54	36
ID55	37
ID56	38
ID57	39
ID58	3A
ID59	3B
ID60	3C
ID61	3D
ID62	3E
ID63	3F
ID64	40

ID	Hexadecimal (1 byte)

3.1. LENS CONTROL

・■There is a command of the same function to 2.173～2.177.

Hexadecimal	02h	*1	B1h	7Ch	*2	*3	*4	03h
Remarks	STX	ID	Command		Parameters			ETX

■Parameters(*2)

	LENS SHIFT - H	LENS SHIFT - V	LENS FOCUS	LENS ZOOM
Hexadecimal	00h	01h	02h	03h

■Parameters(*3)

	SLOWLY	NORMAL	FAST	HOME POSITION *
Hexadecimal	00h	01h	02h	80h

■Parameters(*4)

	Right / Up/ Forward/ In / Cancel	Left / Down / Backward / Out/ Start
Hexadecimal	00h	01h

■Notes:

・HOEM POSITION is available only when parameters (2*) is LENS SHIFT H (00h) or LENS SHIFT V (01h).

■Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	*5	B3h	7Ch	*2	*3	*4	03h
	STX	ID	Command Response (Callback)		Parameters			ETX

In the period when the command cannot be accepted

Hexadecimal	02h	*5	FFh	03h
	STX	ID	ERROR	ETX

Acceptability

SECURITY	STANDBY	NO SIGNAL	SHUTTER	FREEZE / D-ZOOM	TEST PATTERN	REMOTE2	ECO STANDBY	P IN P	LENS HOME	INITIAL SETTING	SIGNAL LOCK
✔		✔	✔	✔	✔	✔		✔	✔*		✔

■Notes:

・Effective only HOME POSITION CANCEL at LENS HOME.

3.2. SELF CHECK INFORMATION

Hexadecimal	02h	*1	FEh	FEh	03h
Remarks	STX	ID	Command	Command	ETX

■Response (Callback)

In the period when the command can be accepted

Hexadecimal	02h	*5	FEh	FEh	*2	*3	*4	*5	*6	*7	*8	*9
	STX	ID			Parameters							
Hexadecimal	*10	*11	*12	*13	*14	*15	*16	*17	03h			
	Parameters								ETX			

Acceptability

SECURITY	STANDBY	NO SIGNAL	SHUTTER	FREEZE / D-ZOOM	TEST PATTERN	REMOTE2	ECO STANDBY	P IN P	LENS HOME	INITIAL SETTING	SIGNAL LOCK
✔	✔	✔	✔	✔	✔	✔	✔	✔	✔	✔	✔

■Parameters(*2,*3,*4,*5,*6,*7,*8,*9,*10,*11,*12,*13,*14,*15,*16,*17)

	*2								*3							
Bit	127							120	119							112
	*4								*5							
Bit	111							104	103							96
	*6								*7							
Bit	95							88	87							80
	*8								*9							
Bit	79							72	71							64
	*10								*11							
Bit	63							56	55							48
	*12								*13							
Bit	47							40	39							32
	*14								*15							
Bit	31							24	23							16
	*16								*17							
Bit	15							8	7							0

Bit	Factor	Description
bit127	Internal error	Main microprocessor is abnormal
bit126	Reserved	-
bit125	Reserved	-
bit124	Reserved	-
bit123	Reserved	-
bit122	Reserved	-
bit121	Reserved	-
bit120	Reserved	-
bit119	Reserved	-
bit118	Reserved	-
bit117	Reserved	-
bit116	Reserved	-
bit115	A-PRINT is not initialized	A-PRINT EEPROM initialization is needed.
bit114	Internal comm error	Internal circuit error
bit113	Internal comm error	
bit112	Internal comm error	
bit111	Internal comm error	
bit110	Internal comm error	
bit109	Internal comm error	
bit108	Internal comm error	
bit107	Internal comm error	
bit106	Internal comm error	
bit105	Internal comm error	
bit104	Reserved	-
bit103	Reserved	-
bit102	Reserved	-
bit101	Internal comm error	Internal circuit error
bit100	Internal comm error	
bit99	Internal comm error	
bit98	Sub CPU comm error	Response (Callback) from sub CPU is not detected.
bit97	Network CPU Comm error	Response (Callback) from network CPU is not detected.
bit96	Reserved	-
bit95	Portrate warning	Projector’s horizontal angle is over ±15 degrees. Remount it in the specification.
bit94	Pressure sensor error	The reading of sensor is les than 720hPa.

bit93	Color shading correction data not saved.	Color shading correction data is not saved.
bit92	Gamma data not saved	Gamma data is not saved
bit91	Optical output limitation	Temperature surrounding lamp becomes high.
bit90	Reserved	–
bit89	Reserved	–
bit88	Reserved	–
bit87	Ballast comm error	Internal circuit error
bit86	Lens mounter operation error	Stepping mortor for lens may be failed.
bit85	Reserved	–
bit84	Reserved	–
bit83	Reserved	–
bit82	Reserved	–
bit81	Reserved	–
bit80	FPGA1 Configure error	There is eeror on the signal board.
bit79	Reserved	–
bit78	Reserved	–
bit77	Reserved	–
bit76	Reserved	–
bit75	Reserved	–
bit74	Reserved	–
bit73	Reserved	–
bit72	LAMP not initialized	Lamp memory is initialized.
bit71	Reserved	–
bit70	Reserved	–
bit69	Reserved	–
bit68	Reserved	–
bit67	Iris error	The iris unit has error
bit66	Shutter error	The shutter unit has error
bit65	Reserved	–
bit64	Reserved	–
bit63	Reserved	–
bit62	Reserved	–
bit61	Reserved	–
bit60	Reserved	–
bit59	Reserved	–
bit58	Reserved	–
bit57	Reserved	–
bit56	Reserved	–
bit55	Reserved	–
bit54	Reserved	–
bit53	Reserved	–
bit52	Reserved	–
bit51	Reserved	–
bit50	Reserved	–
bit49	Fan 8 error	There is an error on the fans ro fan driving circuit.
bit48	Fan 7 error	
bit47	Fan 6 error	
bit46	Fan 5 error	
bit45	Fan 4 error	
bit44	Fan 3 error	
bit43	Fan 2 error	
bit42	Fan 1 error	
bit41	Reserved	–
bit40	No air filte unit installedr	Intake air filter is installed correctly.
bit39	Reserved	–
bit38	Angle sensor error	There is an error on the angle sensor or control circuit.
bit37	Clock battery warning	Remaining battery level is low
bit36	Filter clogged warning	Air filter is clogged
bit35	Disconnecting the clogged sensor	Disconnect the calbe of clogged sensor
bit34	Disconnecting the temp sensor	Disconnect the cable of temp sensor for exhaust fan
bit33	Reserved	–
bit32	Disconnecting the temp sensor	Disconnect the cable of temp sensor for intake fan
bit31	Reserved	–
bit30	Reserved	–

bit29	Lamp cover error	Lamp cover is not installed correctly
bit28	Reserved	–
bit27	Reserved	–
bit26	Reserved	–
bit25	Reserved	–
bit24	Lamp mounitng error	Lamp is not installed correctly
bit23	Reserved	–
bit22	Reserved	–
bit21	Reserved	–
bit20	Lamp ignition error	Lamp fails to ingize
bit19	Reserved	–
bit18	Reserved	–
bit17	Reserved	–
bit16	Lamp error	Lamp may defect
bit15	Reserved	–
bit14	Reserved	–
bit13	Reserved	–
bit12	Lamp runtime error (shut down)	Lamp runtime is over the specifiled time.
bit11	Reserved	–
bit10	Reserved	–
bit9	Reserved	–
bit8	Lamp warning	Lamp life reaches specified time. Prepare a new lamp. Projector will shutdown in 200 hours.
bit7	Reserved	–
bit6	Exhaust temp error	The temperature inside this projector has become high – The ventilation holes may be closed. – The ambient temperature in the place of use may be too high – The air filter may accumulate dust.
bit5	Reserved	–
bit4	Intake air temperature error	The temperature of intake air has become high – The ambient temperature in the place of use may be too high
bit3	Reserved	–
bit2	Exhaust temperature warning	The temperature inside this projector has become high. Projector will shut down if temperature rises more. – The ventilation holes may be closed. – The ambient temperature in the place of use may be too high – The air filter may accumulate dust.
bit1	Reserved	–
0	Intake air temperature warning	The temperature of intake air has become high.. Projector will shut down if temperature rises more. – The ambient temperature in the place of use may be too high