



Affordable multi-point HD Video conferencing system

KX-VC1300

Panasonic's KX-VC1300 HD Video Communications System reduces initial costs while enabling multi-site connection. The HDVC System can be used to hold videoconferences with clients without requiring network equipment. And it allows people to participate in videoconferences from just about anywhere via mobile devices.

Key Features

Multi-site videoconference with up to 4 locations

Multiple devices supported (PC, Android and iOS) and compatible with other video conference systems

The Rate Control function adjusts data traffic based on network congestion. Low Bandwidth Communication Support.

Full-HD 1080/60p Video quality and clear Audio with Panasonic's original Echo Canceller Technology

Recording Capability

KX-VC1300

<https://ap.connect.panasonic.com/sg/en/products/hdvc/kx-vc1300>

Communication Protocol	SIP, H.323
Video Compression Method	H.261 (Main Stream only), H.263, H.263+, H.263++ (reception only), H.264 High Profile, H.264 Baseline Profile
Audio Compression Method	G.711 μ -law, A-law (3.4 kHz@64 kbps) G.722 (7.0 kHz@64 kbps) G.722.1 (7.0 kHz@32 kbps) G.722.1 Annex C (14.0 kHz@48 kbps/24 kbps) MPEG-4 AAC-LD Mono (14.0 kHz@32 kbps, 22.0 kHz@96 kbps/64 kbps) MPEG-4 AAC-LD Stereo (22.0 kHz@96 kbps/64 kbps)
	No. of Channels: G.711/G.722/G.722.1/G.722.1 Annex C: 1 MPEG-4 AAC-LD Mono: 1/MPEG-4 AAC-LD Stereo: 2
Remote Camera Control	H.224, H.281 (Zoom/Pan/Tilt/Preset)
Dual Stream (Method)	H.239 (H.323), BFCP (SIP)
Dual Stream (No. of Displays)	2 displays
Dual Stream (Supported Resolution and Frame Rate)	Main: Maximum 1080p 30 frames/sec. Sub: 1080p 30 frames/sec.
Encryption	SRTP (AES 128-bit), H.235 (AES 128-bit)
Other	H.460
Communication Bandwidth	256 kbps – 18 Mbps
Video Compatible Resolution	176 × 144p, 352 × 240p, 352 × 288p, 512 × 288p, 640 × 480p, 704 × 480p, 768 × 432p, 800 × 600p, 1024 × 768p, 1280 × 720p, 1280 × 768p, 1280 × 800p, 1920 × 1080i, 1920 × 1080p
Video Frame Rate	Maximum 60 frames/sec. (When using H.264 1080p)
Video Screen Display	Full screen, Picture in Picture, Picture with Picture, Side by Side
Audio	Echo Canceller, Auto Gain Control, Stationary Noise Reduction, Lip Sync, Equalizer, Mic Mute
Input/Output Terminals (Video Input Camera)	HDMI Main × 1, HDMI Sub × 1 Input Resolution: 1280 × 720p, 1920 × 1080i, 1920 × 1080p
Input/Output Terminals (Video Input PC)	RGB × 1 (Mini D-sub 15pin), HDMI × 1 *2 Input Resolution: VGA, SVGA, XGA, HD, WXGA, SXGA, FWXGA, WXGA+, WXGA++, UXGA, WSXGA+, Full HD *2:HDCP is not supported.
Input/Output Terminals (Video Output)	HDMI × 2 Supported output resolutions: 1920 × 1080i, 1920 × 1080p
Input/Output Terminals (Audio Input)	Boundary Microphone (Digital Interface Type) × 1 (KX-VCA001) (Up to 4) Boundary Microphone (Analogue Interface Type) × 1 (KX-VCA002) (Up to 1) Stereo mini-plug *3 × 1 (ø3.5 mm) RCA × 1 (Stereo) *3:For 3-conductor stereo mini-plugs only.
Input/Output Terminals (Audio Outputs)	HDMI *4 Stereo mini-plug *3 × 1 (ø3.5 mm) RCA × 1 (Stereo) *3:For 3-conductor stereo mini-plugs only. *4:Simultaneous voice audio output for HDMI1/HDMI2 is not supported.
Input/Output Terminals (Network)	RJ45 × 1 (100BASE-TX Full Duplex)
Input/Output Terminals (External Controller)	RS-232C × 1 (Also used for maintenance)
Input/Output Terminals (Other)	USB 2.0 × 1, Camera Control terminal × 1 (Not used)
No. of Simultaneous Connections	4
Contents Sharing	PC (RGB/HDMI), Sub video camera (HDMI Sub)
USB Memory Device	Updating Software Import: Contact List/Profile *5 /Configuration Data/Encryption Data/ Startup screen/Multicast Tree List Export: Contact List/Profile *5 /Configuration Data/Encryption Data/ Multicast Tree List
Network Protocol	TCP/IPv4, TCP/IPv6 *6, UDP/IPv4, UDP/IPv6 *6, DHCP, DNS, HTTP, HTTPS, TELNET, NTP *6 Some features are not supported when using IPv6.

Network Functions	Packet reordering (ARQ), Forward Error Correction (FEC), Adaptive Rate Control (ARC), Reorder, Packet Shaping, Arbitrary port setting, NAT support, encryption, IP Precedence/DiffServ support
External Control	Control via web browser/HTTP CGI, TELNET, RS-232C
Connection Mode	IP mode, NAT Traversal mode, IP / NAT Traversal Mode
Dimensions (W x D x H)	Approx. 320 mm x approx. 230 mm x approx. 61 mm (excluding projecting parts) (approx. 12 in x approx. 9 in x approx. 2.4 in)
Weight	Approx. 2.0 kg (approx. 4.4 lb)
Power Input	AC 100–240 V, 50/60 Hz up to 1.4 A
Power Consumption	Maximum: 43 W, In standby: 0.6 W
DC Power Input	DC 24 V, 2.5 A
Operating Temperature	0 °C – 40 °C (32 °F–104 °F)
Operating Humidity	10 % – 90 % (non-condensing)