



4K HDR ENG Shoulder-Mount Camcorder

AJ-CX4000GJ

The AJ-CX4000 is the latest addition to the 4K camcorder 'CX Series', which has been introduced to support UHD content acquisition for newsgathering operations, to stream live events, and for sports and documentary capture.

Key Features

Newly-developed 4.4K sensor for high quality 4K (UHD) image recording with 2000 TV lines

Large single-sensor internal expansion lens imaging system with interchangeable B4 mount

HDR HLG support (compliant with BT.2100 & BT.2020)

Newly-added HEVC 100Mbps codec for ENG (4K 4:2:0 10-bit)

F10 (60 Hz)/F11 (50 Hz) sensitivity in High Sens. Mode

AVC ULTRA





AJ-CX4000GJ

<https://ap.connect.panasonic.com/m/y/en/aj-cx4000gj>

General -> Power Supply	DC 12 V (11.0 V - 17.0 V)
General -> Power Consumption	32 W (body only, 2160-59.94p/HEVC LongGOP 100M standard recording status, LCD ON)72 W (with all the accessories connected and maximum power supplied from each output terminal)
General -> Operating Temperature	0 °C to 40 °C (32 °F to 104 °F)
General -> Operating Humidity	10% to 85% (relative humidity)
General -> Storage Temperature	-20 °C to 60 °C (-4 °F to 140 °F)
General -> Weight	Approx. 3.4 kg (7.5 lbs.) (body only)
General -> Dimensions	W 143 mm x H 267 mm x D 348 mm (5-5/8 inches x 10-1/2 inches x 13-23/32 inches) (body only, excluding protrusion)
Camera Unit -> Image Sensor	MOSx1
Camera Unit -> Number of Pixels	11.14 million pixels
Camera Unit -> Lens Mount	2/3-type bayonet
Camera Unit -> Optical Filter -> CC Filter	A: 3200 K, B: 4300 K, C: 5600 K, D: 6300 K
Camera Unit -> Optical Filter -> ND Filter	1: CLEAR, 2: 1/4ND, 3: 1/16ND, 4: 1/64ND
Camera Unit -> Gain Setting	-6 dB to 30 dB, can be set in 1 dB steps
Camera Unit -> Digital Super Gain (DS.GAIN)	Selectable from 6 dB, 10 dB, 12 dB, 15 dB, 20 dB, 24 dB, 28 dB, 34 dB
Camera Unit -> Super Gain (S.GAIN)	Selectable from 30 dB, 36 dB, 42 dB
Camera Unit -> Shutter Speed -> [59.94i/59.94p mode]	[59.94i/59.94p mode] 1/100 sec., 1/120 sec., 1/250 sec., 1/500 sec., 1/1000 sec., 1/2000 sec., HALF Hz
Camera Unit -> Shutter Speed -> [50.00i/50p mode]	[50.00i/50p mode] 1/60 sec., 1/120 sec., 1/250 sec., 1/500 sec., 1/1000 sec., 1/2000 sec., HALF Hz
Camera Unit -> Synchro Scan Shutter -> [59.94 Hz] 59.94i/59.94p mode	1/60.0 sec. to 1/7200 sec.
Camera Unit -> Synchro Scan Shutter -> [50.00 Hz] 50i/50p mode	1/50.0 sec. to 1/7200 sec.
Camera Unit -> Synchro Scan Shutter -> [59.94 Hz] 29.97p mode	1/30.0 sec. to 1/7200 sec.
Camera Unit -> Synchro Scan Shutter -> [50.00 Hz] 25p mode	1/25.0 sec. to 1/7200 sec.
Camera Unit -> Synchro Scan Shutter -> [59.94 Hz] 23.98p mode	1/24.0 sec. to 1/7200 sec.
Camera Unit -> Shutter Open Angle	3.0 deg to 360.0 deg (can be set in 0.5 deg steps)
Camera Unit -> Image S/N	62 dB (standard)
Camera Unit -> Horizontal Resolution	UHD: 2000 TV or higher (center)HD: 1000 TV or higher (center)
Camera Unit -> Digital Zoom	x2, x3, x4
Memory Card Recorder -> Recording Media	• expressP2 card• microP2 card *2• SDXC memory card (exceeding 32 GB to 128 GB) UHS-I/UHS-II, UHS Speed Class 3 compatible, video Speed Class V90 compatible
Memory Card Recorder -> Recording Slot	expressP2 card slot x 1 microP2/SDXC UHS-II memory card slot x 2
Memory Card Recorder -> Recording Pixels	3840 x 2160 (UHD), 1920 x 1080 (FHD), 1280 x 720 (HD)(AVC-Intra50: 1440 x 1080, 960 x 720)
Memory Card Recorder -> System Frequency	59.94 Hz/50.00 Hz
Memory Card Recorder -> Recording Format	Please see the "Recording Format" tabl
Memory Card Recorder -> Recording Video Signal	3840 x 2160/59.94p, 50p, 29.97p, 25p, 23.98p1920 x 1080/59.94p, 50p, 29.97p, 25p, 23.98p, 59.94i, 50i1280 x 720/59.94p, 50p1440 x 1080/59.94i, 50i (AVC-Intra50)960 x 720/59.94p, 50p (AVC-Intra50)
Memory Card Recorder -> Recording Time	Please see the "Recording Time" table.
Memory Card Recorder -> 2 Slot Functions	Simultaneous recording, Relay recording
Memory Card Recorder -> Special Recording	Pre-recording, Interval recording
Digital Video -> Quantization -> P2	• P2: 4:2:2 10 bit/4:2:0 10 bit (AVC-Intra50)/4:2:0 8 bit (AVC-LongG12)
Digital Video -> Quantization -> MOV	• MOV: 4:2:2 10 bit/4:2:0 8 bit/4:2:0 10 bit (HEVC)
Digital Video -> Video Compression Format -> P2: AVC-Intra200	MPEG-4 AVC/H.264 Intra Profile
Digital Video -> Video Compression Format -> P2: AVC-Intra100/AVC-Intra50	MPEG-4 AVC/H.264 Intra Profile
Digital Video -> Video Compression Format -> P2: AVC-Intra422/AVC-LongG50/AVC-LongG25/AVC-LongG12	MPEG-4 AVC/H.264 High Profile

