



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



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<https://ap.connect.panasonic.com/p/h/en/products/broadcast-proav/aj-cx4000gj>

Power	DC 12 V (11.0 V – 17.0 V)
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)
Operating Temperature	0 °C to 40 °C (32 °F to 104 °F)
Operating Humidity	10% to 85% (relative humidity)
Storage Temperature	-20 °C to 60 °C (-4 °F to 140 °F)
Weight	Approx. 3.4 kg (7.5 lbs.) (body only)
Dimensions	143 mm (W) x 267 mm (H) x 348 mm (D) (5-5/8 inches x 10-1/2 inches x 13-23/32 inches) (body only, excluding protrusion)
Pickup Device	MOSx1
Number of Pixels	11.14 million pixels
Lens Mount	2/3-type bayonet
Optical Filter	CC filter A: 3200 K, B: 4300 K, C: 5600 K, D: 6300 K ND filter 1: CLEAR, 2: 1/4ND, 3: 1/16ND, 4: 1/64ND
Gain Setting	-6 dB to 30 dB, can be set in 1 dB steps
Digital Super Gain (DS.GAIN)	Selectable from 6 dB, 10 dB, 12 dB, 15 dB, 20 dB, 24 dB, 28 dB, 34 dB
Super Gain (S.GAIN)	Selectable from 30 dB, 36 dB, 42 dB
Shutter Speed	59.94 Hz 1/100 sec., 1/120 sec., 1/250 sec., 1/500 sec., 1/1000 sec., 1/2000 sec., HALF 50.00 Hz 1/60 sec., 1/120 sec., 1/250 sec., 1/500 sec., 1/1000 sec., 1/2000 sec., HALF
Synchro Scan Shutter	59.94 Hz 59.94i/59.94p mode 1/60.0 sec. to 1/7200 sec. 29.97p mode 1/30.0 sec. to 1/7200 sec. 23.98p mode 1/24.0 sec. to 1/7200 sec. 50.00 Hz 50i/50p mode 1/50.0 sec. to 1/7200 sec. 25p mode 1/25.0 sec. to 1/7200 sec.
Shutter Open Angle	3.0 deg to 360.0 deg (can be set in 0.5 deg steps)
Sensitivity	[NORMAL] mode F6 (2000 lx, 3200 K, 89.9% reflection, 59.94 Hz) F7 (2000 lx, 3200 K, 89.9% reflection, 50.00 Hz) [HIGH SENS.] mode F10 (2000 lx, 3200 K, 89.9% reflection, 59.94 Hz) F11 (2000 lx, 3200 K, 89.9% reflection, 50.00 Hz)
Minimum Illumination	Approx. 0.005 lx (F1.4, +42 dB (S.GAIN), +34 dB (DS.GAIN))
Image S/N	62 dB (standard)
Horizontal Resolution	UHD 2000 TV or higher (center) HD 1000 TV or higher (center)
Digital Zoom	x2, x3, x4