



## 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





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<https://latam.connect.panasonic.com/br/en/products/broadcast-proav/aj-cx4000gj>

<b>Power</b>	DC 12 V (11.0 V – 17.0 V)
<b>Power Consumption</b>	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)
<b>Operating Temperature</b>	0 °C to 40 °C (32 °F to 104 °F)
<b>Operating Humidity</b>	10% to 85% (relative humidity)
<b>Storage Temperature</b>	-20 °C to 60 °C (-4 °F to 140 °F)
<b>Weight</b>	Approx. 3.4 kg (7.5 lbs.) (body only)
<b>Dimensions</b>	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)
<b>Pickup Device</b>	MOSx1
<b>Number of Pixels</b>	11.14 million pixels
<b>Lens Mount</b>	2/3-type bayonet
<b>Optical Filter</b>	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
<b>Gain Setting</b>	-6 dB to 30 dB, can be set in 1 dB steps
<b>Digital Super Gain (DS.GAIN)</b>	Selectable from 6 dB, 10 dB, 12 dB, 15 dB, 20 dB, 24 dB, 28 dB, 34 dB
<b>Super Gain (S.GAIN)</b>	Selectable from 30 dB, 36 dB, 42 dB
<b>Shutter Speed</b>	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
<b>Synchro Scan Shutter</b>	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.
<b>Shutter Open Angle</b>	3.0 deg to 360.0 deg (can be set in 0.5 deg steps)
<b>Sensitivity</b>	[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)
<b>Minimum Illumination</b>	Approx. 0.005 lx (F1.4, +42 dB (S.GAIN), +34 dB (DS.GAIN))
<b>Image S/N</b>	62 dB (standard)
<b>Horizontal Resolution</b>	UHD 2000 TV or higher (center) HD 1000 TV or higher (center)
<b>Digital Zoom</b>	x2, x3, x4