



Panasonic AJ-CX4000

ProdCode: PANAJCX4000GJ

4K HDR ENG Shoulder-Mount Camera



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Features

The AJ-CX4000 is a B4 lens mount, interchangeable lens camera recorder that is typical for broadcast use. It is equipped with a large-sized 11MP image sensor and enables high quality 4K (UHD) image recording with a horizontal resolution of 2000 TV lines.

- 4K HDR ENG Shoulder-Mount Camera
- 4K UHD recording with HDR (compliant with BT.2100 & BT.2020)
- UHD 60p 10-bit 4:2:2 output via 12G-SDI
- Interchangeable B4 lens mount
- Direct livestreaming compatible with RTSP, RTMP and RTMPS
- Ergonomically designed shoulder mount optimized for news, documentary and sports coverage

High-Quality 4K & HDR Pictures

- Large Sensor and Optical Magnifying System Achieve High-Quality 4K/HDR Shooting</
- 0.005 lx of Minimum Illumination, High-Sensitivity DS Gain</
- HLG/V-Log Gamma Compatible with HDR</
- High-Definition Touch Panel LCD with an HD720p Display Capability</

- 2.4-Type Black-and-White Organic EL Display</
- High Picture Quality with Shooting Assist Functions</

High-Efficiency HEVC Codec

- HEVC Codec for High-Image-Quality 4K Recording at Low Bit Rates
- MOV/P2 MXF File Formats Supported
- Equipped with expressP2 and microP2 Card Slots
- A Host of Recording Functions
- High-Quality 24-bit Four Channel Audio Recording

IP Networking Function

- USB Tethering (5G Smartphone Link) Compatible Streaming Distribution
- Easy IP Connection: NDI|HX Is Enabled When an Optional NDI|HX License Is Purchased from NewTek
- 12G-SDI OUT Compatible with 4K 10-Bit 4:2:2 Output
- Compatible with IP Remote Control (AK-HRP1000GJ)
- Wireless Control from a Tablet or Smartphone

New-Generation Shoulder Camera-Recorder Featuring Outstanding 4K/HDR Picture Quality and Advanced Networking Functions

The AJ-CX4000GJ new-generation Camera Recorder responds to the emerging needs of the broadcasting industry, such as high-quality 4K recording and network distribution, while retaining the broadcast-standard B4 lens mount and shoulder-mount design.

The large-size 11.14 M-pixel image sensor provides a high horizontal resolution of 2000 TV lines for recording of 4K/HDR images. A nimble workflow can be realized by using the HEVC codec for high-efficiency 4K 10-bit recording and the expressP2 card with high transfer speed. What's more, the HD direct streaming function that enables live streaming to social media and the NDI|HX-compatible*1 IP connection function offer innovative networking solutions.

The AJ-CX4000GJ also supports the AVC-ULTRA codec*2 used by the P2HD Series to permit smooth linkage with existing HD broadcasting systems. It provides advanced support in various applications such as broadcasting or recording sports events and in the production of documentaries.

*1: NDI|HX, a technology of NewTek, Inc. To use this function, an activation keycode from NewTek is required.

*2: Use an expressP2 card or a microP2 card for recording in P2 format. Conventional P2 cards can not be used.

