



## Panasonic AG-CX370EJ

ProdCode: PANAGCX370EJ

4K, 20x Zoom, 24.5mm Wide Angle, 10-bit 4K60p Camcorder



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### Features

- 4K, 20x Zoom, 24.5mm Wide Angle, 10-bit 4K60p Camcorder
- Expanded system capabilities with 12G-SDI output and GENLOCK input
- Versatile 4-channel audio input with independent volume controls
- Optimized IP live production with NDI® HX2
- High Shooting Quality
- Multi-Format, Multi-Codec Recording
- 1.0-type 15M MOS Sensor & Wide-Angle 24.5 mm Optical 20x Zoom, Plus i.Zoom
- HDR-Compliant V-Log/HLG (Hybrid Log-Gamma)
- HEVC Codec for High-Image-Quality 10-bit 4K/60p Recording at Low Bit Rate
- Intelligent AF and Face Detection/Tracking AE & AF
- Built-in 5-Axis Hybrid Image Stabilizer

## **High-quality 4K live video production**

The CX370 delivers 4K/60p/10-bit MOV recording with a high-efficiency HEVC/H.265 codec. It also features a high-definition, high-sensitivity 1.0-type 15M MOS sensor, and Hybrid Log Gamma (HLG) for HDR recording – making it perfect for live broadcast environments and creating content for social media platforms. The CX370 features broadcast-quality image tuning, with 16-axis independent colour correction.

## **Advanced IP-based live production capabilities**

The high-end CX370 features built-in NDI®\* HX2 IP connectivity for IP-based transmissions and camera control. When connected to NDI®-compatible devices, such as switchers and decoders, NDI® HX2 delivers smooth, high-quality IP-based live video production<sup>1</sup>. The CX370 supports 4K direct streaming via the RTMP, RTMPS, and RTSP protocols – and the next-generation, IP-based SRT protocols.

When compared to predecessor CX Series camcorders, the CX370 now supports the 12G-SDI output, enabling high-quality, low-latency uncompressed 4K video to be streamed to professional broadcast equipment. The CX370 also supports simultaneous 4K output via SDI-HDMI outputs.

\*NDI® is a video connectivity technology and is registered as a trademark by Vizrt NDI AB in the United States and other countries.

<sup>1</sup> Recording, streaming and 4K output are not available in NDI HX2 mode.

## **Wide angle zoom lens for broadcast-quality shooting**

The CX370 offers superior optical performance thanks to its powerful 24.5mm (35mm equivalent) wide-angle zoom lens, with 20x optical zoom. It features high-precision auto-focus technology with face detection, auto-tracking, and five-axis hybrid image stabilisation. This detects and corrects any unwanted camera shaking, making the CX370 perfect for the stable shooting and tracking of moving subjects.

## **Enhanced mobility and interoperability**

The CX370's ease-of-use for production, broadcast and live streaming professionals sets it apart. Unlike the CX350 model, the camera features two balanced XLR inputs and a 3.5mm stereo mini-jack input. This enables support for up to four external microphones or line-level audio for 4-channel 24-bit LPCM audio recording.

In addition to the CX370's compatibility with the AVC-ULTRA (P2 MXF) format<sup>2</sup>, the

camera supports the File Transfer Protocol<sup>3</sup>, enabling recorded clips to be shared with broadcasters via a wired network, Wi-Fi (AJ-WM50E optional) or USB tethering through a mobile phone. This streamlines production workflows and drastically reduces the time required to air content.

The newly integrated GENLOCK input terminal delivers broadcast-quality synchronisation in multi-camera environments, whilst visuals can be simultaneously displayed across multiple high-definition LCD displays and viewfinders. Focus and zoom settings can also be easily adjusted through wired remote control, or through IP-based networks over a LAN connection.

<sup>2</sup> Not all AVC-ULTRA formats are supported, and standard P2 cards are not compatible.

<sup>3</sup> Available through future support via planned firmware update.

