



La última generación de cámaras profesionales 4K

## AG-CX350

La AG-CX350 forma parte de la última generación de cámaras profesionales 4K y amplía la capacidad de uso de la cámara handheld más allá de las aplicaciones convencionales de grabación y recopilación de noticias, adaptándose a una amplia gama de necesidades profesionales.

### Key Features

El nuevo sensor 15M de 1,0" ofrece 2000 líneas de TV y una sensibilidad F12/F13

Excelente imagen 4K con códec de 10 bits: Codec: ALL-I, 422LongG y New HEVC LongG

Compatible con HLG (Hybrid Log Gamma) y SDR Monitoring

El objetivo más amplio de su categoría, con zoom inteligente de 32x e I.S. híbrido de 5 ejes

Transmisión en directo HD para conectarse directamente a Facebook y a YouTube Live





## AG-CX350

<https://latam.connect.panasonic.com/mx/es/products/broadcast-proav/ag-cx350>

### General

|                                      |  |
|--------------------------------------|--|
| <b>Power</b>                         | DC 7.28 V (when the battery is used)<br>DC 12 V (when the AC adaptor is used)  |
| <b>Power Consumption</b>             | 17 W (when the LCD monitor is used)<br>11.5 W (1080i / 422ALL-I 100M recording, when the LCD monitor is used, no external device connection)   |
| <b>Temperatura de funcionamiento</b> | 0 °C to 40 °C (32 °F to 104 °F)  |
| <b>Operating Humidity</b>            | 10 % to 80 % (no condensation)   |
| <b>Peso</b>                          | Body: approx. 1.9 kg (4.19 lb)<br>(body only, excluding lens hood, battery, and accessories)<br>Shooting: approx. 2.3 kg (5.07 lb)<br>(including lens hood, battery, and microphone holder)  |
| <b>Dimensions</b>                    | 180 mm (W) x 173 mm (H) x 311 mm (D)<br>(7-1/8 inches x 6-13/16 inches x 12-1/4 inches)<br>(excluding protrusion and eye cup)  |
| <b>Camera Unit</b>                   |  |
| <b>Pickup Device</b>                 | 1.0-type (effective size) MOS solid state image sensor   |
| <b>Effective Pixels</b>              | 15,030,000 pixel   |
| <b>Lens</b>                          | Optical image stabilizer lens, optical 20x motorized zoom<br>F value: F2.8 to F4.5<br>Focal length: f=8.8 mm to 176 mm<br>35 mm equivalent: 24.5 mm to 490 mm<br>Filter Diameter: 67 mm<br>ND Filter: Clear, 1/4, 1/16, 1/64<br>IR Filter: Incorporates the ON/OFF control function<br>Shortest Shooting Distance (M.O.D.):<br>Approx. 10 cm (W), 1.0 m (T) from the front lens  |
| <b>Gain Setting</b>                  | L/M/H selector switch<br>-3 dB to 18 dB (Adjustable in 1 dB steps)<br>24dB, 30 dB, 36 dB switched<br>(when assigning [S. GAIN] to the USER button)   |
| <b>Color Temperature Setting</b>     | ATW, ATW LOCK, A ch, B ch,<br>preset 3200 K/preset 5600 K/VAR (2000 K to 15000 K)  |
| <b>Shutter Speed</b>                 | When [SYSTEM MODE] = 59.94 Hz<br>• 59.94i/59.94p mode:<br>1/60 sec. (shutter off), 1/100 sec., 1/120 sec., 1/250 sec., 1/500 sec., 1/1000 sec., 1/2000 sec., 1/4000 sec., 1/8000 sec., 1/10000 sec.<br>• 29.97p mode:<br>1/30 sec., 1/50 sec. (shutter off), 1/60 sec., 1/100 sec., 1/120 sec., 1/250 sec., 1/500 sec., 1/1000 sec., 1/2000 sec., 1/4000 sec., 1/8000 sec., 1/10000 sec.<br>• 23.98p mode:<br>1/24 sec., 1/48 sec., 1/50 sec. (shutter off), 1/60 sec., 1/100 sec., 1/120 sec., 1/250 sec., 1/500 sec., 1/1000 sec., 1/2000 sec., 1/4000 sec., 1/8000 sec., 1/10000 sec.<br>When [SYSTEM MODE] = 50.00 Hz<br>• 50i/50p mode:<br>1/50 sec. (shutter off), 1/60 sec., 1/100 sec., 1/120 sec., 1/250 sec., 1/500 sec., 1/1000 sec., 1/2000 sec., 1/4000 sec., 1/8000 sec., 1/10000 sec.<br>• 25p mode:<br>1/25 sec., 1/50 sec. (shutter off), 1/60 sec., 1/100 sec., 1/120 sec., 1/250 sec., 1/500 sec., 1/1000 sec., 1/2000 sec., 1/4000 sec., 1/8000 sec., 1/10000 sec. |

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|--|--|
| <b>Shutter Speed(Slow Shutter)</b>               | When [SYSTEM MODE] = 59.94 Hz<br><ul style="list-style-type: none"> <li>• 59.94i/59.94p mode: 1/1 sec., 1/2 sec., 1/4 sec., 1/6 sec., 1/15 sec., 1/30 sec.</li> <li>• 29.97p mode: 1/1 sec., 1/2 sec., 1/4 sec., 1/6 sec., 1/15 sec.</li> <li>• 23.98p mode: 1/1 sec., 1/2 sec., 1/4 sec., 1/6 sec., 1/12 sec.</li> </ul> When [SYSTEM MODE] = 50.00 Hz<br><ul style="list-style-type: none"> <li>• 50i/50p mode: 1/1 sec., 1/2 sec., 1/4 sec., 1/6 sec., 1/12 sec., 1/25 sec.</li> <li>• 25p mode: 1/1 sec., 1/2 sec., 1/4 sec., 1/6 sec., 1/12 sec.</li> </ul> |
| <b>Shutter Speed(Synchro Scan)</b>               | When [SYSTEM MODE] = 59.94 Hz<br><ul style="list-style-type: none"> <li>• 59.94i/59.94p mode: 1/60.0 sec. to 1/7200 sec.</li> <li>• 29.97p mode: 1/30.0 sec. to 1/7200 sec.</li> <li>• 23.98p mode: 1/24.0 sec. to 1/7200 sec.</li> </ul> When [SYSTEM MODE] = 50.00 Hz<br><ul style="list-style-type: none"> <li>• 50i/50p mode: 1/50.0 sec. to 1/7200 sec.</li> <li>• 25p mode: 1/25.0 sec. to 1/7200 sec.</li> </ul>  |
| <b>Shutter Open Angle</b>                        | 3.0 deg to 180.0 deg to 360.0 deg (in 0.5 deg steps)   |
| <b>VFR Recording Frame Rate</b>                  | When [SYSTEM MODE] = 59.94 Hz<br>1, 2, 4, 6, 9, 12, 15, 18, 20, 21, 22, 24, 25, 26, 27, 28, 30, 32, 34, 36, 40, 44, 48, 54, 60 (fps)<br>When [SYSTEM MODE] = 50.00 Hz<br>1, 2, 4, 6, 9, 12, 15, 18, 20, 21, 22, 23, 24, 25, 26, 27, 28, 30, 32, 34, 37, 42, 45, 48, 50 (fps)   |
| <b>Super Slow Recording</b>                      | When [SYSTEM MODE] = 59.94 Hz<br>1920 x 1080 (FHD): shooting frame rate 120 fps<br>When [SYSTEM MODE] = 50.00 Hz<br>1920 x 1080 (FHD): shooting frame rate 100 fps   |
| <b>Sensitivity</b>                               | When [HIGH SENS.] mode<br>F12 (2000 lx, 3200 K, 89.9 % reflect, 2160/59.94p, 1080/59.94i)<br>F13 (2000 lx, 3200 K, 89.9 % reflect, 2160/50p, 1080/50i)   |
| <b>Horizontal Resolution</b>                     | 2000 TV or higher (UHD: center)<br>1000 TV or higher (FHD: center)   |
| <b>i.Zoom</b>                                    | ×32 (FHD), ×24 (UHD)   |
| <b>Digital Zoom</b>                              | ×2/×5/×10  |
| <b>Lens Hood</b>                                 | Hood with lens cover   |
| <b>Memory Card Recorder</b>                      |  |
| <b>Recording Media</b>                           | SDHC memory card (4 GB to 32 GB),<br>SDXC memory card (32 GB to 128 GB)<br>UHS-I/UHS-II UHS Speed Class3 supported, Video Speed Class V90 supported<br>microP2 card (A series, B series)<br>Please see back cover for the "Available Memory Card" table.   |
| <b>Recording Slot</b>                            | microP2/SDXC UHS-II card slot x 2  |
| <b>Recording Pixels</b>                          | 3840 × 2160 (UHD), 1920 × 1080 (FHD), 1280 × 720 (HD), 720 × 480(SD), 720 × 576 (SD)   |
| <b>System Frequency</b>                          | 59.94 Hz/50.00 Hz  |
| <b>Recording File Format</b>                     | MOV (AVC), MOV (HEVC), AVCHD   |
| <b>Recording Format</b>                          | Please see page 4 for the "Recording Format" table.  |
| <b>Recording Time</b>                            | Please see back cover for the "Recording Time" table.  |
| <b>2 Slot Functions</b>                          | Relay Rec, Simultaneous Rec, Background Rec  |
| <b>Special Recording Functions</b>               | Pre Rec, Interval Rec, Time Stamp  |
| <b>Digital Video</b>                             |  |
| <b>Quantization</b>                              | MOV: 4:2:2 10 bit/4:2:0 8 bit/4:2:0 10 bit (HEVC)<br>AVCHD: 4:2:0 8 bit  |
| <b>Digital Video   Video Compression Format</b>  | H.264/MPEG-4 AVC High Profile<br>H.265/MPEG-H HEVC Main10 Profile  |
| <b>Digital Audio</b>                             |  |
| <b>Recording Audio Signal</b>                    | MOV: 48 kHz/24 bit, 2 ch, Linear PCM<br>AVCHD: 48 kHz/16 bit, 2 ch, Dolby Audio™   |
| <b>Headroom</b>                                  | 12 dB/18 dB/20 dB switchable (menu)  |
| <b>Live Streaming</b>                            |  |
| <b>Live Streaming   Video Compression Format</b> | H.264/MPEG-4 AVC Main Profile, High Profile  |
| <b>Audio Compression Format</b>                  | AAC-LC   |
| <b>Network Protocol</b>                          | RTSP/RTP/RTMP  |
| <b>Video Output</b>                              |  |
| <b>Video Output   SDI OUT</b>                    | BNC x 1, SDI REC REMOTE supported<br>HD: 0.8 V [p-p], 75 Ω SD: 0.8 V [p-p], 75 Ω, Output format (4:2:2 10 bit):<br><ul style="list-style-type: none"> <li>• 1920 × 1080: 59.94p, 50p, 59.94i, 50i, 29.97Psf, 25Psf, 23.98Psf</li> <li>• 1280 × 720: 59.94p, 50p</li> <li>• 720 × 480: 59.94i</li> <li>• 720 × 576: 50i</li> </ul>  |

|                                      |   |
|--------------------------------------|---|
| <b>Video Output   HDMI OUT</b>       | HDMI x 1, Type A, HDMI REC REMOTE supported, VIERA Link not supported<br>Output format (4:2:2 10 bit):<br><ul style="list-style-type: none"> <li>• 3840 × 2160: 59.94p, 50p, 29.97p, 25p, 23.98p</li> <li>• 1920 × 1080: 59.94p, 50p, 59.94i, 50i, 29.97p, 25p, 23.98p</li> <li>• 1280 × 720: 59.94p, 50p</li> <li>• 720 × 480: 59.94p</li> <li>• 720 × 576: 50p</li> </ul> |
| <b>VIDEO OUT</b>                     | 3.5 mm diameter mini jack, composite 1.0 V [p-p], 75 Ω  |
| <b>Audio Input/Output</b>            |   |
| <b>Built-in Microphone</b>           | Stereo microphone   |
| <b>Input 1/2</b>                     | XLR (3-pin) x 2 (INPUT1, INPUT2)<br><br>Input high impedance, LINE/MIC/MIC+48V (switchable SW)<br><br>MIC: -40 dBu/-50 dBu/-60 dBu (switchable menu)<br><br>LINE: +4 dBu/0 dBu (switchable menu)  |
| <b>Audio Input/Output   SDI OUT</b>  | Linear PCM 2 ch   |
| <b>Audio Input/Output   HDMI OUT</b> | Linear PCM 2 ch   |
| <b>Auricular</b>                     | 3.5 mm diameter stereo mini jack x 1  |
| <b>AV OUT</b>                        | 3.5 mm diameter stereo mini jack x 1, Output level: 600 Ω, 316 mV   |
| <b>Speaker</b>                       | 20 mm diameter, round x 1   |
| <b>Other Input/Output</b>            |   |
| <b>TC In/Out</b>                     | BNC x 1,<br><br>Used as the input and output terminals (switchable menu)<br><br>Input: 1.0 V to 4.0 V [p-p] 10 KΩ<br><br>Output: 2.0 V ± 0.5 V [p-p] low impedance<br><br>2.5 mm diameter super mini jack   |
| <b>Remote</b>                        | 2.5 mm diameter super mini jack   |
| <b>LAN</b>                           | RJ-45: 1000BASE-T/100BASE-TX/10BASE-T   |
| <b>USB 2.0 HOST</b>                  | Type-A, 4-pin (5 V, 0.5 A) for Wireless Module (option)   |
| <b>USB 3.0 DEVICE</b>                | USB 3.1 GEN1 Type-C, USB Mass storage function<br><br>No USB bus power function   |
| <b>DC In 12V</b>                     | DC 12 V EIAJ Type 4   |
| <b>Monitor/Viewfinder</b>            |   |
| <b>LCD Monitor</b>                   | 3.5 type TFTLCD color monitor (3:2),<br><br>approx. 1,620,000 dots, Touch panel<br><br>video display (16: 9) area: Approx. 1,370,000 dots   |
| <b>Viewfinder</b>                    | 0.39 type OLED (organic EL display), approx. 2,360,000 dots,<br><br>video display (16: 9) area: approx. 1,770,000 dots  |
| <b>Included Accessories</b>          | Battery (AG-VBR59), Battery charger (AG-BRD50), AC adaptor, AC cable, Microphone holder kit, Shoulder strap, Eye cup, Lens hood*, Grip belt* and Operating instructions (Items marked by an asterisk (*) come already attached to the camera)   |
| <b>Note</b>                          | *3:NDI® is a registered trademark of Vizrt NDI AB in the United States and other countries.   |