



4K Memory Card Camera Recorder

AG-DVX200

The world's first 4/3-type large format, 4K/60p camcorder to feature an integrated zoom lens

Key Features

Newly-developed 4/3-type LEICA DICOMAR 4K lens

Wireless remote control from the AG-ROP app that is available free of charge from the Apple App Store

V-Log L function equivalent to the V-Log curve provided on the Varicam series supports 12 stops of dynamic range for HDR production

Variable Frame Rate capability at Full-HD (1920 x 1080) from 2-120fps

Stunning imagery captured with the LEICA DICOMAR 4K 13x zoom lens and a 28mm wide angle





AG-DVX200

<https://eu.connect.panasonic.com/n/en/products/broadcast-proav/ag-dvx200>

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| General | |
| Power | DC 7.2 V (when the battery is used) |
| | DC 12 V (when the AC adaptor is used) |
| Power Consumption | 21.7 W |
| Operating Temperature | 0 °C to 40 °C (32 °F to 104 °F) |
| Operating Humidity | 10 % RH to 80 % RH (no condensation) |
| Weight | Approx. 2.7 kg (5.95 lb) (body only, excluding lens hood, battery, and accessories) |
| | Approx. 3.1 kg (6.84 lb) (including lens hood, battery, and eye cup) |
| Dimensions | 181 mm (W) x 216 mm (H) x 374 mm (D) |
| | (excluding protrusion and eye cup) |
| | (7-1/8 inches x 8-1/2 inches x 14-23/32 inches) |
| Camera Unit | |
| Pickup Devices | 4/3-type MOS solid state image sensor |
| Effective Pixels | FHD (1920 x 1080): 15.49 megapixel |
| | UHD (3840 x 2160) 59.94p/50.00p: 8.71 megapixel |
| | UHD (3840 x 2160) 29.97p/25.00p: 12.89 megapixel |
| | 4K (4096 x 2160) 24p: 13.35 megapixel |
| Lens | Optical image stabilizer lens, optical 13x motorized zoom |
| | F2.8 to F4.5 (f=12.8 mm to 167 mm) |
| | 35 mm equivalent: |
| | FHD: 28.0 mm to 365.3 mm |
| | UHD 59.94p/50.00p: 37.2 mm to 485.1 mm |
| | UHD 29.97p/25.00p: 30.6 mm to 398.7 mm |
| 4K 24p: 29.5 mm to 384.9 mm | |
| Filter Diameter | 72 mm |
| ND Filter | OFF, 1/4, 1/16, 1/64 |
| IR Filter | Incorporates the ON/OFF control function |
| Shortest Shooting Distance (M.O.D.) | Approx. 1.0 m from the front lens |
| Gain Setting | L/M/H selector switch |
| | -6 dB to 24 dB (Adjustable in 1dB steps. Negative gain values are available only when [EXPAND] is enabled, and the automatic setting can be assigned to L/M/H.) |
| Super Gain | 30 dB and 36 dB switched |
| | (when assigning [S.GAIN] to the USER button) |
| Color Temperature Setting | ATW, ATW LOCK, Ach, Bch, preset 3200 K/preset 5600 K/VAR (2000 K to 15000 K) |

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| Shutter Speed | <p>When [SYSTEM MODE] = 59.94 Hz</p> <ul style="list-style-type: none"> • 60i/60p mode: 1/60 sec., 1/100 sec., 1/120 sec., 1/180 sec., 1/250 sec., 1/350 sec., 1/500 sec., 1/750 sec., 1/1000 sec., 1/1500 sec., 1/2000 sec., 1/3000 sec., 1/4000 sec., 1/8000 sec. • 30p mode: 1/30 sec., 1/50 sec., 1/60 sec., 1/100 sec., 1/120 sec., 1/180 sec., 1/250 sec., 1/350 sec., 1/500 sec., 1/750 sec., 1/1000 sec., 1/1500 sec., 1/2000 sec., 1/3000 sec., 1/4000 sec., 1/8000 sec. • 24p mode: 1/24 sec., 1/48 sec., 1/50 sec., 1/60 sec., 1/100 sec., 1/120 sec., 1/180 sec., 1/250 sec., 1/350 sec., 1/500 sec., 1/750 sec., 1/1000 sec., 1/1500 sec., 1/2000 sec., 1/3000 sec., 1/4000 sec., 1/8000 sec. <p>When [SYSTEM MODE] = 50.00 Hz</p> <ul style="list-style-type: none"> • 50i/50p mode: 1/50 sec., 1/60 sec., 1/100 sec., 1/125 sec., 1/180 sec., 1/250 sec., 1/350 sec., 1/500 sec., 1/750 sec., 1/1000 sec., 1/1500 sec., 1/2000 sec., 1/3000 sec., 1/4000 sec., 1/8000 sec. • 25p mode: 1/25 sec., 1/50 sec., 1/60 sec., 1/100 sec., 1/125 sec., 1/180 sec., 1/250 sec., 1/350 sec., 1/500 sec., 1/750 sec., 1/1000 sec., 1/1500 sec., 1/2000 sec., 1/3000 sec., 1/4000 sec., 1/8000 sec. |
| Slow Shutter Speed | <p>When [SYSTEM MODE] = 59.94 Hz</p> <ul style="list-style-type: none"> • 60i/60p mode: 1/2 sec., 1/4 sec., 1/8 sec., 1/15 sec., 1/30 sec. • 30p mode: 1/2 sec., 1/4 sec., 1/8 sec., 1/15 sec. • 24p mode: 1/2 sec., 1/3 sec., 1/6 sec., 1/12 sec. <p>When [SYSTEM MODE] = 50.00 Hz</p> <ul style="list-style-type: none"> • 50i/50p mode: 1/2 sec., 1/3 sec., 1/6 sec., 1/12 sec., 1/25 sec. • 25p mode: 1/2 sec., 1/3 sec., 1/6 sec., 1/12 sec. |
| Synchro Scan Shutter | <p>When [SYSTEM MODE] = 59.94 Hz</p> <ul style="list-style-type: none"> • 60i/60p mode: 1/60.0 sec. to 1/249.8 sec. • 30p mode: 1/30.0 sec. to 1/249.8 sec. • 24p mode: 1/24.0 sec. to 1/249.6 sec. <p>When [SYSTEM MODE] = 50.00 Hz</p> <ul style="list-style-type: none"> • 50i/50p mode: 1/50.0 sec. to 1/250.0 sec. • 25p mode: 1/25.0 sec. to 1/250.0 sec. |
| Shutter Open Angle | 5.0 deg to 180.0 deg to 360.0 deg (in 0.5 deg steps, angle display) |
| VFR Recording Frame Rate | <p>When [SYSTEM MODE] = 59.94 Hz</p> <ul style="list-style-type: none"> • 60p mode: 2, 15, 30, 40, 55, 58, 60, 62, 65, 75, 90, and 120 fps • 30p mode: 2, 15, 26, 28, 30, 32, 34, 45, 60, 75, 90, and 120 fps • 24p mode: 2, 12, 18, 20, 22, 24, 26, 28, 30, 36, 48, 60, 72, 84, 96, and 120 fps <p>When [SYSTEM MODE] = 50 Hz</p> <ul style="list-style-type: none"> • 50p mode: 2, 12, 25, 33, 45, 48, 50, 52, 55, 62, 75, 100, and 120 fps • 25p mode: 2, 12, 21, 23, 25, 27, 30, 37, 50, 62, 75, 100, and 120 fps |
| Sensitivity | <p>When [HIGH SENS.] mode</p> <p>F11 (2,000 lx, 3,200 K, 89.9% reflect, 1080/59.94i)</p> <p>F12 (2,000 lx, 3,200 K, 89.9% reflect, 1080/50i)</p> |
| Minimum Subject Illumination | 0.2 lx (F2.8, gain 18 dB, [1/2 sec.], [HIGH SENS.] mode) |
| Digital Zoom | 2x/5x/10x, i.Zoom (1.0x to 1.54x, variable zoom) |
| Lens Hood | Hood with lens cover |
| Memory Card Recorder | |
| Recording Media | <p>SDHC memory card (4 GB to 32 GB),</p> <p>SDXC memory card (48 GB to 128 GB), UHS-I supported</p> <p>*An SD memory card with a capacity of UHS Speed Class 3 (U3) is required to shoot videos with a bit rate of 100 Mbps or higher.</p> <p>An SDXC memory card with a capacity of 64 GB or more and UHS Speed Class 3 (U3) is required to shoot UHD 2160/59.94p/50.00p videos with a bit rate of 150 Mbps or higher.</p> |
| Recording Slot | Slot x2 |
| System Format | 59.94 Hz / 50 Hz |
| Motion Picture Recording | <p>Recording Format: MOV, MP4, AVCHD</p> <p>Recording Mode: *Please see the Video record mode table.</p> |

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| Still Picture Recording | JPEG (DCF/Exif2.2) supported 8.8M: 4096 x 2160 (17:9), 8.3M: 3840 x 2160 (16:9), 2.1M: 1920 x 1080 (16:9), 0.2M: 640 x 360 (16:9), 0.3M: 640 x 480 (4:3) |
| Digital Video | |
| Video Signal for External Output | 8 bit 4:2:2/10 bit 4:2:2 (switchable menu) *Output of UHD/59.94p/50.00p becomes 8 bit 4:2:0. When 10 bit 4:2:2 is selected, recording is not possible with the main unit. |
| Recording Video Signal | 8 bit 4:2:0 |
| Digital Audio | |
| Recording Audio Signal | 48 kHz/16 bit, 2 CH |
| Audio Compression Format | LPCM (MOV/MP4) Dolby Digital (AVCHD) |
| Headroom | 12 dB |
| Dual Codec | |
| Recording Method | MOV, MP4 |
| Video Compression Format (Dual Codec) | MPEG-4 AVC/H.264 High Profile |
| Audio Compression Format (Dual Codec) | LPCM |
| Recording Format | When [Dual Codec] = FHD 50 Mbps [Main Recorder] Recording mode = MOV/MP4 •UHD/29.97p/25.00p/23.98p 100 Mbps [Sub Recorder] Recording mode = Same as the recording mode and the frame rate of the main recorder •FHD/29.97p/25.00p/23.98p 50Mbps When [Dual Codec] = FHD 8 Mbps [Main Recorder] Recording mode = MOV/MP4 •UHD/29.97p/25.00p/23.98p 100 Mbps •FHD/59.94p/50.00p/29.97p/25.00p/23.98p 200 Mbps •FHD/59.94p/50.00p 100 Mbps [Sub Recorder] Recording mode = MOV •FHD/59.94p/50.00p/29.97p/25.00p/23.98p 8 Mbps |
| Video Input/Output | |
| Video Output | BNC x 1, Composite 1.0 V [p-p], 75 Ω |
| HDMI Out | HDMI x 1 (HDMI type A terminal, not compatible with VIERA Link) Output format: 2160/59.94p/50.00p/29.97p/25.00p/24.00p/23.98p, 1080/59.94p/50.00p/29.97p/25.00p/24.00p/23.98p/59.94i/50.00i, 720/59.94p/50.00p, 480/59.94p, 576/50.00p |
| Audio Input | |
| Built-in Microphone | Supports stereo microphone |
| Audio Input1/Audio Input2 | XLR x 2, 3-pin Input high impedance, LINE/MIC/MIC+48 V (switchable SW) LINE: 4 dBu/0 dBu (switchable menu) MIC: -40 dBu/-50 dBu/-60 dBu (menu) |
| Audio Output | |
| SDI Out (Audio Output) | 2 CH (LPCM) switchable gain: 0 dB/-6 dB/-12 dB |
| HDMI Out (Audio Output) | 2 CH (LPCM) |
| Audio Out | 3.5 mm diameter stereo mini jack x 1, Output level: 600 Ω, 316 mV |
| Headphone | 3.5 mm diameter stereo mini jack x 1 |
| Speaker | 20 mm diameter, round x 1 |
| Other Input/Output | |
| Cam Remote | 2.5 mm diameter super mini jack x1 (ZOOM, S/S) 3.5 mm diameter mini jack x1 (FOCUS, IRIS) |
| TC Preset In/Out | BNC x 1, Used as the input and output terminals Input: 1.0 V to 4.0 V [p-p], 10 kΩ Output: 2.0 V ±0.5 V [p-p], low impedance |

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| USB (Host) | Type A connector, 9-pin, bus power supported In Recording mode; USB2.0 compatible (5 V, 0.5 A) In Playback mode; USB 3.0 compatible (5 V, 0.9 A), used for external media device connection *External media device with a capacity of 32 GB or below or a capacity above 2 TB cannot be used |
| USB (Device) | Micro-B connector, 10-pin, USB 3.0, Mass storage function (read only) |
| DC In | DC 12 V (11.4 V to 12.6 V), EIAJ type 4 |
| Monitor/Viewfinder | |
| LCD Monitor | 4.3 type HD color monitor, Approx. 2,760,000 dots |
| View Finder | 0.39 type OLED (organic EL display) Approx. 2,360,000 dots, video display area: approx. 1,770,000 dots |
| Included Accessories | Battery (VW-VBD58), Battery charger, AC adaptor, Shoulder strap, Microphone holder, Screw for microphone holder (12 mm), AC cable x 2, Eye cup, Lens hood, INPUT terminal cap, CD-ROM (operating instructions) |

Weight and dimensions are approximate. Specifications are subject to change without notice. *A part of functions are scheduled to be released soon. For details, please visit Panasonic website. (<http://pro-av.panasonic.net/>). *Not available in some areas.