Panasonic
CONNECT

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

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/25p.00: 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)

Shutter Speed	When [SYSTEM MODE] = 59.94 Hz
	• 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.
	When [SYSTEM MODE] = 50.00 Hz
	• 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	When [SYSTEM MODE] = 59.94 Hz
	• 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.
	When [SYSTEM MODE] = 50.00 Hz
	• 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	When [SYSTEM MODE] = 59.94 Hz
	• 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.
	When [SYSTEM MODE] = 50.00 Hz
	• 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	When [SYSTEM MODE] = 59.94 Hz
	• 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
	When [SYSTEM MODE] = 50 Hz
	• 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	When [HIGH SENS.] mode
	F11 (2,000 lx, 3,200 K, 89.9% reflect, 1080/59.94i)
	F12 (2,000 lx, 3,200 K, 89.9% reflect, 1080/50i)
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	SDHC memory card (4 GB to 32 GB), SDXC memory card (48 GB to 128 GB), UHS-I supported
	*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. 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.
Recording Slot	Slot x 2
System Format	59.94 Hz / 50 Hz
Motion Picture Recording	Recording Format: MOV, MP4, AVCHD
	Recording Mode: *Please see the Video record mode table.

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

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.