



3D Camcorder

AG-3DP1

Twin lens system with powerful 17x Zooming

Key Features

Zoom, Focus, Iris and Convergence

3D mode selection for maximum zooming effect

Low chroma aberration



AG-3DP1

<https://eu.connect.panasonic.com/ch/en/products/broadcast-proav/ag-3dp1>

Power Source	DC 12 V (11 V to 17 V)
Power Consumption	38 W (Camera only)
Weight	Approx. 6.1 kg (13.4 lb) with camera unit only
Dimensions (W x H x D)	235 mm _ 270.5 mm _ 667.5 mm (9-1/4 inches _ 10-5/8 inches _ 26-1/4 inches) with camera unit only, excluding protrusions
General	High-powered 17x HD twin-lens system covers a wide shooting range
Operating Temperature	0 °C to 40 °C (32 °F to 104 °F)
Operating Humidity	10 % to 80 % (relative humidity)
Pickup Devices	1/3-type progressive, 2.2-megapixel, 3MOS sensor × 2
Lens	Optical 17 x, F1.6 (Wide) to F3.4 (Tele) Focal distance: f 4.6 mm to 79 mm (35 mm equivalent: 35.0 mm to 602 mm)
Optical Colour Separation	Prism system
ND Filter	4 positions (CLEAR, 1/4ND, 1/16ND, 1/64ND)
Gain Settings	0 dB, +3 dB, +6 dB, +9 dB, +12 dB
Shutter Speed	• 60i/60p mode: 1/60 (OFF), 1/100, 1/120, 1/250 sec. • 30p mode: 1/30 (OFF), 1/60, 1/100, 1/120, 1/250 sec. • 24p mode: 1/24 (OFF), 1/60, 1/100, 1/120, 1/250 sec. • 50i/50p mode: 1/50 (OFF), 1/60, 1/120, 1/250 sec. • 25p mode: 1/25 (OFF), 1/50, 1/60, 1/120, 1/250 sec.
Shutter Speed (Synchro Scan)	• 60i/60p mode: 1/60.0 sec. to 1/249.8 sec. • 30p mode: 1/30.0 sec. sec. to 1/249.8 sec. • 24p mode: 1/24.0 sec. to 1/249.8 sec. • 50i/50p mode: 1/50.0 sec. to 1/250.0 sec. • 25p mode: 1/25.0 sec. to 1/250.0 sec.
Slow Shutter Speed	• 60i/60p mode: 1/15 sec., 1/30 sec. • 30p mode: 1/15 sec. • 24p mode: 1/12 sec. • 50i/50p mode: 1/12.5 sec., 1/25 sec. • 25p mode: 1/12.5 sec.
Recording Media	P2 card
Recording Format	AVC-Intra 100/AVC-Intra 50
Sampling Frequency	AVC-Intra 100: Y: 74.1758 MHz, PB/PR: 37.0879 MHz AVC-Intra 50: Y: 13.5 MHz, PB/PR: 6.75 MHz
Distance Between the Optical Axes	Approx. 58 mm (2-5/16 inches)
Frame Rate	• 59.94 Hz mode: variable 12/15/18/20/21/22/24/25/26/27/28/30/32/34/36/40/44/48/54/60 fps (frames per second) • 50 Hz mode: variable 12/15/18/20/21/22/23/24/25/26/27/28/30/32/34/ 37/42/45/48/50 fps (frames per second)
Reference Plane Adjustment Range	Approx. 1.1 m (43-5/16 inches) to ∞
Recording Video Signals	• 59.94 Hz mode: 1080/59.94i, 1080/29.97pN, 1080/23.98pN, 720/59.94p, 720/29.97pN, 720/23.98pN • 50 Hz mode: 1080/50i, 1080/25pN, 720/50p, 720/25pN
Quantizing	10 bit
Video Compression	MPEG-4 AVC/H.264 Intra Profile
Head Room	20 dB/18 dB Menu selectable
Genlock In	BNC × 1, 1.0 V [p-p], 75 Ω
HDMI Out	A type × 1 • Simultaneous output with HD SDI OUT is not possible.
MIC In	XLR, 5-pin, +48 V (available) available menu selections: -40 dBu/-50 dBu
Audio In	XLR × 2, 3-pin (CH1, CH2) LINE/MIC/+48 V (selectable) LINE: available menu selections: +4 dBu/0 dBu/-3 dBu MIC: available menu selections: -50 dBu/-60 dBu
Wireless	25-pin, D-SUB, -40 dBu
Internal Speaker	28 mm diameter × 1
TC In	BNC × 1, 0.5 V [p-p] to 8 V [p-p], 10 kΩ
TC Out	BNC × 1, low impedance, 2.0 V ± 0.5 V [p-p]
DC In	XLR × 1, 4 pins, DC 12 V (DC 11.0 V to 17.0 V)
DC Out	4 pins, DC 12 V (DC 11.0 V to 17.0 V), Maximum rated current: 1.5 A
Remote	10 pins
Camera Remote	ZOOM S/S: Super mini jack (2.5 mm diameter) × 1 FOCUS IRIS: Super mini jack (3.5 mm diameter) × 1 CONVERGENCE: Super mini jack (2.5 mm diameter) × 1
HD SDI Retun In	BNC × 1, 0.8V [p-p], 75 Ω
LCD Monitor	82 mm (3.2 inch) color LCD monitor with approx. 921,000 dots (16:9)
Accessories	Shoulder belt, Microphone holder, XLR Connector Cap*, Lens Cap*, BNC Cap*, CD-ROM *These accessories are attached to the units.
Power Supply	DC 12 V (11 V to 17 V)
Keeping Temperature	-20 °C to 60 °C (-4 °F to 140 °F)
Frame Rates	• 59.94 Hz mode: variable 12/15/18/20/21/22/24/25/26/27/28/30/32/34/36/40/44/48/54/60 fps (frames per second) • 50 Hz mode: variable 12/15/18/20/21/22/23/24/25/26/27/28/30/32/34/ 37/42/45/48/50 fps (frames per second)
Recording Formats	AVC-Intra 100/AVC-Intra 50
Recording/Playback Time	AVC-Intra 100: approx. 60 min., with two 64 GB P2 cards (L/R) AVC-Intra 50: approx. 120 min., with two 64 GB P2 cards (L/R) *The times listed above can be continuously recorded as one clip. The number of recorded clips will reduce the above figures somewhat.
Recorded Video Signals	• 59.94 Hz mode: 1080/59.94i, 1080/29.97pN, 1080/23.98pN, 720/59.94p, 720/29.97pN, 720/23.98pN • 50 Hz mode: 1080/50i, 1080/25pN, 720/50p, 720/25pN

Recording Signal	48 kHz/16 bit, 4CH
HD SDI Out	BNC × 2 (L/R), 0.8 V [p-p], 75 Ω
HD SDI Monitor Out	BNC × 1, 0.8 V [p-p], 75 Ω
Earphone	ø3.5 mm stereo mini jack × 2
HD SDI Return In	BNC × 1, 0.8V [p-p], 75 Ω