



P2 HD Camcorder

AG-HPX370

Shoulder-mount camcorder with 10-bit; 4:2:2; full 1920 x 1080-resolution AVC-Intra recording

Key Features

Interchangeable lens

High-resolution 3-MOS imagers

Chromatic Aberration Compensation function



AG-HPX370

<https://eu.connect.panasonic.com/en/products/broadcast-proav/ag-hpx370>

Power Source	DC 12 V (11 V to 17 V)
Power Consumption	Approx. 19 W (with standard VF, lens, LCD monitor ON)
Weight	Approx. 3.6 kg excluding battery and accessories Approx. 5 kg with supplied Fujinon lens
General	
Supply Voltage	DC12V (11V to 17V)
Operating Temperature	0°C to 40°C
Keeping Temperature	-20°C to 60°C
Operating Humidity	10% to 85% (no condensation)
Dimensions (W x H x D)	246 mm x 251 mm x 441 mm (9-11/16 inches x 9-7/8 inches x 17-3/8 inches) excluding prominent parts 246 mm x 251 mm x 549 mm (9-11/16 inches x 9-7/8 inches x 21-5/8 inches) with Fujinon lens, excluding prominent parts
Camera	
Pickup Devices	2.2M pixels Progressive MOS Image sensor x 3
Lens Mount	1/3" bayonet type
Optical Colour Separation	Prism system
ND Filter	4 position (Clear, 1/4 ND, 1/16 ND, 1/64 ND)
Gain Selection	73dB, 0dB, 3dB, 6dB, 9dB, 12dB, 24dB
Shutter Speed (Preset)	50i/50p mode: 1/50 (OFF) sec., 1/60 sec., 1/120 sec., 1/250 sec., 1/500 sec., 1/1000 sec., 1/2000 sec. 25p mode: 1/25 (OFF) sec., 1/50 sec., 1/60 sec., 1/120 sec., 1/250 sec., 1/500 sec., 1/1000 sec., 1/2000 sec. 60i/60p mode: 1/60(OFF) sec., 1/100 sec., 1/120 sec., 1/250 sec., 1/500 sec., 1/1000 sec., 1/2000 sec. 30p mode: 1/30(OFF) sec., 1/60 sec., 1/100 sec., 1/120 sec., 1/250 sec., 1/500 sec., 1/1000 sec., 1/2000 sec. 24p mode: 1/24(OFF) sec., 1/60 sec., 1/100 sec., 1/120 sec., 1/250 sec., 1/500 sec., 1/1000 sec., 1/2000 sec.
Shutter Speed (Variable)	50i mode: 1/50.0 sec. to 1/250.0 sec. 25p mode: 1/25.0 sec. to 1/250.0 sec. 60i 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 1/249.8 sec.
Shutter Speed (Slow)	50i/50p mode: 1/12.5 sec., 1/25 sec. 25p mode: 1/6.25 sec., 1/12.5 sec. 60i/60p mode: 1/15 sec., 1/30 sec. 30p mode: 1/7.5 sec., 1/15 sec. 24p mode: 1/6 sec., 1/12 sec.
Aperture Angle	3 deg to 359.5 deg, 0.5 deg step select
Variable Frame Rate	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) 59.94Hz 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)
Sensitivity	F11 (2000 lx, 3200K, 89.9% reflect, 1080/50i) F10 (2000 lx, 3200K, 89.9% reflect, 1080/59.94i)
Minimum Luminance	0.4 lx (F1.6 , Gain 24dB , shutter speed 1/30 sec.)
Horizontal Resolution	More than 1000 TV lines (center)
Memory Card Recorder	
Recording Media	P2 Card
Recording Format	AVC-Intra 100/AVC-Intra 50/DVCPRO HD/DVCPRO50/ DVCPRO/DV selectable
Recording Video Signal (50Hz)	1080/50i, 1080/25p, 1080/25pN, 720/50p, 720/25p, 720/25pN, 576/50i, 576/25p
Recording Video Signal (59.94Hz)	1080/59.94i, 1080/29.97p, 1080/29.97pN, 1080/23.98p, 1080/23.98pA, 1080/23.98pN, 720/59.94p, 720/29.97p, 720/29.97pN, 720/23.98p, 720/23.98pN, 480/59.94i, 480/29.97p, 480/23.98p, 480/23.98pA

Recording Time*	AVC-Intra 100/DVCPRO HD Approx. 16 min. with a 16GB P2 card Approx. 32 min. with a 32GB P2 card Approx. 64 min. with a 64GB P2 card AVC-Intra 50/DVCPRO50 Approx. 32 min. with a 16GB P2 card Approx. 64 min. with a 32GB P2 card Approx. 128 min. with a 64GB P2 card DVCPRO/DV Approx. 64 min. with a 16GB P2 card Approx. 128 min. with a 32GB P2 card Approx. 256 min. with a 64GB P2 card
Note	* Time shown above is when you record a series of 1 shot to P2 card. Depending on numbers of shots you record, time will get shorter than the number shown above.
Digital Video	
Sampling Frequency	AVC-Intra 100/DVCPRO HD: Y: 74.2500MHz, PB/PR: 37.1250MHz (50Hz) Y: 74.1758MHz, PB/PR: 37.0879MHz (59.94Hz) DVCPRO50: Y: 13.5MHz, PB/PR: 6.75MHz DVCPRO: Y: 13.5MHz, PB/PR: 3.375MHz
Quantizing	AVC-Intra 100/AVC-Intra 50: 10bit DVCPRO HD/DVCPRO50/DVCPRO/DV: 8bit
Video Compression	AVC-Intra 100/AVC-Intra 50: MPEG-4 AVC/H.264 Intra Profile DVCPRO HD: DV base compression (SMPTE 370M) DVCPRO 50/DVCPRO: DV base compression (SMPTE 314M) DV: DV compression (IEC 61834-2)
Digital Audio	
Recording Audio Signal	AVC-Intra 100/AVC-Intra 50/DVCPRO HD: 48kHz/16bits, 4CH DVCPRO50: 48kHz/16bits, 4CH DVCPRO/DV: 48kHz/16bits, 2CH/4CH switchable
Headroom	20dB/18dB switchable
Video Input/Output	
Genlock In	BNC x 1, 1.0V [p-p] 75 Ω
Video Output	BNC x 1, 1.0V [p-p] 75 Ω
SDI Out	BNC x 2, 0.8V[p-p] 75 Ω HD/SD switchable
Other Input/Output Signal	
TC In	BNC x 1, 0.5 V [p-p] to 8 V [p-p], 10k Ω
TC Out	BNC x 1, low impedance, 2.0 V \pm 0.5 V [p-p]
IEEE 1394	6 pin, digital In/Out, based on IEEE 1394 Standard
DC In	XLR x 1, 4-pin, DC12V (DC11.0V to 17.0V)
DC Out	4-pin, DC12V (DC11.0V to 17.0V), max 1.5 A.
Remote	10 pin
Lens	12 pin
USB 2.0 (Device)	Type-B, 4-pin (USB ver2.0)
USB 2.0 (Host)	Type-A, 4-pin (USB ver2.0)
Monitor, Speaker and Other Packages	
LCD Monitor	3.2-inch approx. 921,000 dots (16:9)
View Finder	0.45-inch approx. 1,226,000 dots (16:9)
Supplied Accessories	Fujinon lens, Front lens cap, Rear lens cap, Zoom lever, Lens connector cap, Lens hood, Lens hood cap, Eye cup, Shoulder belt, Front audio level knob with screw, Mount cap, BNC connector cap, XLR connector cap, Software CD-ROM