



## P2 HD Camcorder

# AG-HPX370

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

### Key Features

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Interchangeable lens

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High-resolution 3-MOS imagers

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Chromatic Aberration Compensation function



## AG-HPX370

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

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

<b>Recording Time*</b>	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
<b>Note</b>	* 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.
<b>Digital Video</b>	
<b>Sampling Frequency</b>	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
<b>Quantizing</b>	AVC-Intra 100/AVC-Intra 50: 10bit DVCPRO HD/DVCPRO50/DVCPRO/DV: 8bit
<b>Video Compression</b>	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)
<b>Digital Audio</b>	
<b>Recording Audio Signal</b>	AVC-Intra 100/AVC-Intra 50/DVCPRO HD: 48kHz/16bits, 4CH DVCPRO50: 48kHz/16bits, 4CH DVCPRO/DV: 48kHz/16bits, 2CH/4CH switchable
<b>Headroom</b>	20dB/18dB switchable
<b>Video Input/Output</b>	
<b>Genlock In</b>	BNC x 1, 1.0V [p-p] 75 $\Omega$
<b>Video Output</b>	BNC x 1, 1.0V [p-p] 75 $\Omega$
<b>SDI Out</b>	BNC x 2, 0.8V[p-p] 75 $\Omega$ HD/SD switchable
<b>Other Input/Output Signal</b>	
<b>TC In</b>	BNC x 1, 0.5 V [p-p] to 8 V [p-p], 10k $\Omega$
<b>TC Out</b>	BNC x 1, low impedance, 2.0 V $\pm$ 0.5 V [p-p]
<b>IEEE 1394</b>	6 pin, digital In/Out, based on IEEE 1394 Standard
<b>DC In</b>	XLR x 1, 4-pin, DC12V (DC11.0V to 17.0V)
<b>DC Out</b>	4-pin, DC12V (DC11.0V to 17.0V), max 1.5 A.
<b>Remote</b>	10 pin
<b>Lens</b>	12 pin
<b>USB 2.0 (Device)</b>	Type-B, 4-pin (USB ver2.0)
<b>USB 2.0 (Host)</b>	Type-A, 4-pin (USB ver2.0)
<b>Monitor, Speaker and Other Packages</b>	
<b>LCD Monitor</b>	3.2-inch approx. 921,000 dots (16:9)
<b>View Finder</b>	0.45-inch approx. 1,226,000 dots (16:9)
<b>Supplied Accessories</b>	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