



HD Camcorder

AG-HMC151

Full HD solid state camcorder with AVCHD onto SD cards

Key Features

1080 / 720 HD production capabilities

1/3-type 3-CCD imagers

13X Leica Dicomar zoom lens



AG-HMC151

<https://eu.connect.panasonic.com/it/en/products/broadcast-proav/ag-hmc151>

Power Supply	DC7.2V (using with battery), 7.3V (using with AC adaptor)
Power Consumption	9.8W (when recording)
Operating Temperature	0°C to 40°C
Operating Humidity	10% to 80% (No condensation)
Weight	Approx. 1.7 kg camcorder only Approx. 1.98 kg including SD memory cards, supplied battery, and microphone
Dimensions	154 (W) mm _ 164 (H) mm _ 397 (D) mm, excluding the projection part
Pickup Devices	3CCD (1/3 inch interline transfer type, and progressive modes supported)
Lens	LEICA DICOMAR lens with optical image stabilizer, motorized/manual mode switching 13_ zoom, F1.6 Ñ 3.0 (f=3.9mm to 51mm/35mm equivalent: 28mm to 368mm)
Optical Colour Separation	Prism system
ND Filter	1/4, 1/16, 1/64
Gain Selection	50i/50p/60i/60p mode: 0/3/6/9/12/18 dB, (0dB fixed in slow shutter mode) 25p/30p/24p mode: 0/3/6/9/12 dB, (0dB fixed in slow shutter mode)
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. 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. 25p mode: 1/25 sec., 1/50 (OFF) sec., 1/60 sec., 1/120 sec., 1/250 sec., 1/500 sec., 1/1000 sec. 30p mode: 1/30 sec., 1/50 (OFF) sec., 1/60 sec., 1/120 sec., 1/250 sec., 1/500 sec., 1/1000 sec. 24p mode: 1/24 sec., 1/50 (OFF) sec., 1/60 sec., 1/120 sec., 1/250 sec., 1/500 sec., 1/1000 sec.
Shutter Speed (Synchro Scan)	50i/50p mode: 1/50.0 sec. to 1/248.9 sec. 60i/60p mode: 1/60.0 sec. to 1/249.8 sec. 25p mode: 1/25.0 sec. to 1/248.9 sec. 30p mode: 1/30.0 sec. to 1/249.8 sec. 24p mode: 1/24.0 sec. to 1/249.8 sec.
Slow Shutter Speed	50i/50p mode: 1/12 sec. and 1/25 sec. 25p mode: 1/12 sec. 60i/60p mode: 1/15 sec. and 1/30 sec. 30p mode: 1/15 sec.
Minimum Luminance	3 lx (when F1.6, 12dB of gain and 1/25 or 1/24 sec. of shutter speed)
Digital Zoom	2x/5x/10x (in 1080/50i, 720/50p, 1080/60i or 720/60p video format)
Filter Diameter	72 mm
Recording Format	AVCHD
Compression Method	MPEG-4 AVC/H.264
Recording Media*	SD Memory Card : 512MB, 1GB, 2GB (FAT12, FAT16)
Recording Video Format (50Hz Mode)	PH mode: 1080/50i, 1080/25p (over 50i), 720/50p and 720/25p (over 50p) HA, HG and HE mode: 1080/50i only
Recording Video Format (59.94Hz Mode)	PH mode: 1080/60i, 1080/30p (over 60i), 1080/24p (native), 720/60p, 720/30p (over 60p) and 720/24p (native) HA, HG and HE mode: 1080/60i only
Transmission Rate	PH mode: approx. 21 Mbps (VBR, max 24 Mbps) HA mode: approx. 17 Mbps (VBR) HG mode: approx. 13 Mbps (VBR) HE mode: approx. 6 Mbps (VBR)
Video Signals	1080/50i, 720/50p, 1080/60i, 720/60p
HDMI Output	HDMI x 1, 1080/50i, 720/50p, 1080/60i, 720/60p, 480/60p and 576/50i (Not compatible with ViE rA Link)
Component Output	Mini-D _ 1, Y: 1.0 Vp-p, 75 ½, PB/PR: 0.7 Vp-p, 75 ½
Composite Output	Pin jack _ 1, 1.0 Vp-p, 75 ½
Sampling Frequency	48 kHz
Quantization	16 bit
Compression Bit-Rate	PH mode: 2 CH 384 kbps, HA, HG and HE mode: 2 CH 256 kbps
XLR Input	XLR (3 pins) _ 2 (INPUT1, INPUT2), LINE/MIC selectable, High impedance LINE: 0 dBu, MIC: -50 dBu/-60 dBu (selectable in menu)
Internal Microphone	Stereo microphone
Line Output	Pin jack _ 2 (CH1, CH2), Output: 316 mV, 600 ½
Headphone	Stereo mini jack (3.5 mm diameter) _ 1
Built-in Speaker	20 mm (round) _ 1
USB	Type mini B connector (compliant with USB ver. 2.0)
Camera Remote	Super Mini jack (2.5mm diameter) x 1, for zoom and rec start/stop operations
TC Preset In/Out (also used for Video Out)	IN: 1.0 to 4.0 Vp-p, 10 k½ OUT: 2.0±0.5 Vp-p, low impedance
LCD Monitor	3.5 inches, LCD color monitor, 210,000 pixels
View Finder	0.44 inches, LCD color viewfinder, 235,000 pixels
Accessories	AC adapter/charger, 2640mAh battery pack, AC cord, DC cord, Wireless remote controller with button-type battery, Microphone holder, Eye cup, Shoulder Belt, Component video cable, PIN-BNC conversion plugs, Ferrite core, Binder, CD-ROM The following accessories are attached to the unit. Lens hood cap and INPUT 1/2 terminal cover.