



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



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

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