



**Memory Card Portable-Recorder**

**AG-HMR10G**

A Handheld HD Recorder with HD-SDI Input / Output Featuring Versatile Operation and Full-HD Images

**Key Features**

Records HD-SDI input signals with high image quality

A 3MOS System with Full-HD Sampling

Up to 120x Zoom Power

## AG-HMR10G

<https://eu.connect.panasonic.com/ch/en/products/broadcast-proav/ag-hmr10g>

<b>General</b>	
<b>Power Supply</b>	DC 7.2 V (when the battery is used) 7.3 V (when the AC adaptor is used)
<b>Power Consumption</b>	11.7 W (when the optional AG-HCK10G Camera Head is connected) 6.5 W (in standalone condition)
<b>Operating Temperature</b>	0 °C to 40 °C (32 °F to 104 °F)
<b>Operating Humidity</b>	10 % to 80 % (No condensation)
<b>Weight</b>	Approx. 580 g (1.28 lb) (Excluding battery) Approx. 691 g (1.52 lb) (Including bundled battery)
<b>Dimensions</b>	96 mm (W) x 52.6 mm (H) x 133 mm (D) (3-3/4 inches x 2-1/8 inches x 5-1/4 inches) (Excluding the projection)
<b>Video Recording</b>	
<b>Recording Format</b>	AVCHD
<b>Compression Method (Video Recording)</b>	MPEG-4 AVC/H.264
<b>Recording Media*1</b>	SD memory card (FAT12, FAT16): 512 MB, 1 GB, up to 2 GB SDHC memory card (FAT32): 4 GB, 6 GB, 8 GB, 12 GB, 16 GB, 32 GB
<b>Recording Video Format*2</b>	[59.94 Hz] PH mode: 1080/60i, 1080/30p*3 (over 60i), 1080/24p*3 (Native)*4, 720/60p, 720/30p*3 (over 60p), 720/24p*3 (Native)*4 PM mode: 720/60p, HA/HG/HE mode: 1080/60i [50 Hz] PH mode: 1080/50i, 1080/25p*3 (over 50i), 720/50p, 720/25p*3 (over 50p), PM mode: 720/50p, HA/HG/HE mode: 1080/50i
<b>Video Input/Output</b>	
<b>SDI</b>	HD SDI IN, HD SDI/SD SDI OUT BNC x 1, 0.8 V [p-p], 75 Ω
<b>HDMI</b>	HDMI OUT x 1 (HDMI Type A) [59.94 Hz] 1080/60i, 720/60p, 480/60p [50 Hz] 1080/50i, 720/50p, 576/50p (Not compatible with VIERA Link)
<b>AG-HCK10G In</b>	20 pin dedicated terminal (connection with the AG-HCK10G)
<b>Audio System</b>	
<b>Compression Method (Audio System)</b>	Recording/Playback: Dolby Digital/2 CH
<b>Sampling Frequency</b>	48 kHz
<b>Quantization</b>	16 bit
<b>Compression Bit-Rate</b>	PH mode: 384 kbps, HA/HG/HE mode: 256 kbps
<b>Audio Input/Output</b>	
<b>External Microphone In</b>	-70 dBV (Mic sensitivity: -50 dB equivalent, 0 dB=1 V/Pa 1 kHz) Stereo mini jack (3.5 mm diameter) (Not compatible with plug-in power microphone)
<b>HDMI Out</b>	2 CH (Linear PCM), 5.1 CH (Dolby Digital)
<b>Headphones</b>	Stereo mini jack (3.5 mm diameter) x 1, 100 Ω -22 dBV (with 32 Ω load)
<b>Built-in Speaker</b>	Round, 20 mm diameter
<b>Other Connectors</b>	
<b>Camera Remote</b>	2.5 mm diameter, super mini jack x 1 (ZOOM S/S)
<b>USB</b>	Type mini B connector (USB 2.0 compliant)
<b>Monitor</b>	
<b>LCD Monitor</b>	88.9 mm (3.5 inches) LCD color monitor, approx. 210,000 pixels
<b>Included Accessories</b>	AC adaptor/charger, 2,640 mAh /2,500 mAh (typ./min.) battery pack (secure type), AC cable, DC cable (catch type), CD-ROM, AVCCAM Restorer (Windows PC/Mac)

