

JVC

CONNECTED CAM



Product photo shown with optional audio receiver and battery

2/3" HD Camera Recorder
GY-HC900

Advanced 2/3" HD camcorder for ENG, Studio and Sports applications. IP connectivity from any location to anywhere in the world.



Product photo shown with optional accessories.

Camera Features

- 2/3-inch 3CMOS 2.2M-pixel Image sensor
- Industrial standard B4 lens mount
- 50Mbps 4:2:2 10-bit long GOP (H.264) and Standard MPEG-2 (35Mbps) recording
- Professional OLED viewfinder
- F12@60Hz, F13@50Hz sensitivity (Extended mode)
- 62dB S/N ratio (Standard mode)
- HDR recording (Hybrid Log Gamma or New J-log (10bit))
- Records sports Exchange Standard format (1080/720p)
- IPX2 splash proof safety rating

CONNECTED CAM Features

- High performance 1080 60/50p live streaming
- Low latency (<500ms) and stable quality streaming
- Optional LTE dual modem bonding module
- LAN terminal in addition to USB host (V3.0)
- IP return video and IFB audio
- Advanced Zixi error correction, ARQ
- Built-in Wi-Fi (2.4GHz/5GHz) long range MIMO with dual external antennas
- An additional slot for future expansion

GENERAL SPECIFICATIONS	
Power	DC 12V (11V – 17V)
Power consumption	35W (Including 2W for EVF)
Dimensions (W x H x D)	165 mm x 269 mm x 366 mm
Weight	Approx. 3.9 kg (8.7lbs.) (without battery, EVF and lens)
CAMERA	
Image sensor	2/3-inch 2.2M pixels progressive 3 CMOS
Lens mount	2/3-inch B4 mount system
Sensitivity	F12 (60Hz), F13 (50Hz) at 2000lx (typical; Extended mode)
Shutter speed	1/3 to 1/1000, AUTO
ND filter	None, 1/4, 1/16, 1/64
S/N ratio	62dB (Standard mode)
Viewfinder	3.26" OLED, WVGA (854 x 480), 16:9
LCD monitor	3.5" LCD, QHD (960 x 540), 16:9
VIDEO/AUDIO RECORDING	
Recording media	SDHC/SDXC memory card x 2 (HD: Class 6/10 SD/Web: Class 4)
Video codec	MPEG-4 AVC/H.264 (HD/SD), MPEG-2 VBR (HD)
File format	MOV, MP4, MXF
HD (MPEG-2 VBR)	35 Mbps
HD (H.264)	4:2:2 10bit/8bit mode, etc. 50 Mbps – 35 Mbps
SD (H.264)	8 Mbps
Proxy (H.264)	3 – 1.2 Mbps
Audio recording	LPCM 2ch/4ch, 48kHz/16-bit (MOV/MP4/MXF), μ Law 2ch (Proxy)
LIVE VIDEO STREAMING	
Protocol	RTMP, MPEG2-TS/UDP, MPEG2-TS/TCP, MPEG2-TS/RTP, RTSP/RTP, Zixi
Resolution and bit rate	1920 x 1080 (59.94p/50p) 20 – 8 Mbps, (29.97p/25p) 20 – 3 Mbps, 1920 x 1080 (59.94i/50i) 20 – 3 Mbps, 1280 x 720 (59.94p/50p) 20 – 3 Mbps, 1280 x 720 (29.97p/25p) 8 – 1.5 Mbps, 640 x 360 (59.94p/50p) 3/1.5 Mbps, 640 x 360 (29.97p/25p) 3 – 0.3 Mbps
INTERFACE	
Video Input	3G-SDI (BNC x 1)
Video output	3G-SDI (BNC x 2), HDMI x 1, Composite (BNC x 1)
VF terminal	26-pin
Audio input /output	XLR 3-pin x 2, (MIC, +48V, LINE)/XLR 5-pin
MIC input	XLR 5-pin
Genlock input	Genlock input (BNC x 1)
Time code input /output	BNC x 1/BNC x 1
Remote	mini DIN 6-pin x 1
USB	HOST (Type A USB 3.0) x 1 (Network)
Ethernet	RJ-45 x 1
DC input	XLR 4-pin x 1
DC output /Light DC output	4-pin x 2, D-tap x 1
Built-in slot	Wireless audio module and optional future expansion
Wi-Fi	Built-in (2.4 GHz/5 GHz)

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