

JVC GY-HM850U ProHD Compact Shoulder Mount Camera with Fujinon 20x Lens



Rating: 4.0

Price:

Variant price modifier:

Price with discount:

Salesprice with discount:

USD 3,847.00

Discount:



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Manufacturer: [JVC](#)

Description

Product Highlights

- Three 1/3" CMOS Sensors
- Full HD 1920x1080 up to 60p

- Fujinon 20x Optical Zoom Lens with OIS - MPEG-2/AVCHD Recording and Dual Codec - H.264 Recording up to 50 Mbps - Dual SDHC/SDXC Memory Card Slots 3G-SDI & HDMI Output - Genlock & Timecode - Built-In Network Protocols	
Camera	
Image Sensor	3 x 1/3" 2.2MP CMOS sensors Effective resolution: 2.07MP
Synchronization System	Internal / external
Stabilizer	Optical image stabilizer
Sensitivity	f/11 (60 Hz) / f/12 (50 Hz), 2000 lx (typical; Extended mode)
Minimum Illumination	0.15 lx (typical; 1920 x 1080 mode, f/1.6, Lolux mode with 1/30 or 1/ shutter)
Shutter Speed	1/4 to 1/10000
Gain	-6, -3, 0, 3, 6, 9, 12, 15, 18 dB, Lolux, ALC
ND Filters	Clear, 1/4, 1/16, 1/64
Lens Mount System	Canon 1/3" bayonet
LCD Display	4.3", 1.15MP
Viewfinder	0.45", 1.22MP
Lens	
Type	Fujinon 20x zoom
Aperture	f/1.6 to 3.0
Focal Length	4.1 to 82mm
35mm Equivalent Focal Length	29 to 580mm
Filter Diameter	72mm
Recording	
Recording Media	2 x SDHC/SDXC memory card, Class 4/6/10 (Class 4 for AVCHD and H.264 SD/Web only)
Video Codecs	MPEG-2 Long GOP (HD) AVCHD progressive H.264
File Formats	MOV (HD/SD/Web) MP4 (XDCAM EX) MTS (AVCHD progressive) MXF
Recording Modes	NTSC Setting MPEG-2 Long GOP HQ Mode: 1920 x 1080 /59.94i/29.97p/23.98p 1440 x 1080 /59.94i 1280 x 720 /59.94p/29.97p/23.98p SP Mode: 1440 x 1080 /59.94i 1280 x 720 /59.94p AVCHD Progressive mode (28 Mbps): 1920 x 1080 /59.94p HQ mode (24 Mbps): 1920 x 1080 /59.94i SP mode (17 Mbps): 1920 x 1080 /59.94i LP mode (9 Mbps): 1440 x 1080 /59.94i EP mode (5 Mbps): 1440 x 1080 /59.94i H.264 (HD) XHQ mode (50 Mbps): 1920 x 1080 /59.94p/59.94i/29.97p/23.98p UHQ mode (35 Mbps): 1920 x 1080 /59.94i/29.97p/23.98p H.264 (SD) 720 x 480 /59.94 H.264 (Web) HQ mode (3 Mbps): 960 x 540 /29.97p/23.98p LP mode (1.2 Mbps): 480 x 270 /29.97p/23.98p

	PAL Setting
	MPEG-2 Long GOP
	HQ Mode:
	1920 x 1080 /50i/25p/2p
	1440 x 1080 /50i
	1280 x 720 /50p
	SP Mode:
	1440 x 1080 /50i
	1280 x 720 /50p
	AVCHD
	Progressive mode (28 Mbps): 1920 x 1080 /50p
	HQ mode (24 Mbps): 1920 x 1080 /50i
	SP mode (17 Mbps): 1920 x 1080 /50i
	LP mode (9 Mbps): 1440 x 1080 /50i
	EP mode (5 Mbps): 1440 x 1080 /50i
	H.264 (HD)
	XHQ mode (50 Mbps): 1920 x 1080 /50p/50i/25p
	UHQ mode (35 Mbps): 1920 x 1080 /50i/25p
	H.264 (Web)
	HQ mode (3 Mbps): 960 x 540 /25p
	LP mode (1.2 Mbps): 480 x 270 /25p
Audio Recording	MPEG-2 Long GOP/H.264: LPCM 2ch/4ch, 48 kHz, 16-bit
	AVCHD: AC3 2ch
	Web: ?-law 2ch/4ch
Interface	
Inputs	
	2 x XLR 3-pin (MIC, +48V, LINE)
	1 x 3.5mm mini jack
	1 x Genlock (BNC)
	1 x Time code (BNC)
	1 x XLR 4-pin DC power input
Outputs	
	1 x Composite (BNC)
	1 x 3G-SDI (BNC)
	1 x HDMI
	2 x RCA
	2 x 3.5mm headphone jack
	1 x Time code (BNC)
	1 x XLR 4-pin DC power input
USB	1 x Network connection host / mass storage device connection
Remote	1 x 6-pin DIN
	1 x 2.5mm mini jack
General	
Operating Temperature	32 to 104°F (0 to 40°C)
Operating Humidity	35 to 80%
Storage Temperature	14 to 122°F (-20 to 50°C)
Storage Humidity	Under 85%
Power	12 VDC (10.5 to 17V)
Power Consumption	Approx. 28 W
Dimension L x W x H	20.5 x 9.1 x 9.5" (521.0 x 231.0 x 242.3 mm)
Weight	Without battery: Approx. 8.9 lb (4.0 kg)
	With battery: Approx. 10.6 lb (4.8 kg)
Packaging Info	
Package Weight	13.3 lb
Box Dimensions (LxWxH)	20.9 x 18.8 x 10.7"