

## JVC GY-HM890 ProHD Shoulder Mount Camcorder with Fujinon XT17sx45BRMK1 Lens



Rating: 3.0

**Price:**

Variant price modifier:

Price with discount:

Salesprice with discount:

USD 5,497.00

Discount:



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Manufacturer: [JVC](#)

### Description

#### Product Highlights

- Three 1/3" CMOS Sensors
- Full HD 1920x1080 up to 60p
- MPEG-2/AVCHD Recording and Dual Codec
- H.264 Recording up to 50 Mbps
- Dual SDHC/SDXC Memory Card Slots
- 3G-SDI & HDMI Output, HD-SDI Input
- Genlock & Timecode
- Built-In Network Protocols
- 4.5 to 77mm, 1/3" ENG Zoom Lens
- Quick Zoom/ Cruising Zoom Functions

Camera  
Image Sensor

3 x 1/3" 2.2MP CMOS sensors  
Effective resolution: 2.07MP

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|------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| 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)<br>AVCHD progressive<br>H.264                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| File Formats           | MOV (HD/SD/Web)<br>MP4 (XDCAM EX)<br>MTS (AVCHD progressive)<br>MXF                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Recording Modes        | <b>NTSC Setting</b><br><br><b>MPEG-2 Long GOP</b><br>HQ Mode:<br>1920 x 1080 /59.94i/29.97p/23.98p<br>1440 x 1080 /59.94i<br>1280 x 720 /59.94p/29.97p/23.98p<br>SP Mode:<br>1440 x 1080 /59.94i<br>1280 x 720 /59.94p<br><br><b>AVCHD</b><br>Progressive mode (28 Mbps): 1920 x 1080 /59.94p<br>HQ mode (24 Mbps): 1920 x 1080 /59.94i<br>SP mode (17 Mbps): 1920 x 1080 /59.94i<br>LP mode (9 Mbps): 1440 x 1080 /59.94i<br>EP mode (5 Mbps): 1440 x 1080 /59.94i<br><br><b>H.264 (HD)</b><br>XHQ mode (50 Mbps): 1920 x 1080 /59.94p/59.94i/29.97p/23.98p<br>UHQ mode (35 Mbps): 1920 x 1080 /59.94i/29.97p/23.98p<br><br><b>H.264 (SD)</b><br>720 x 480 /59.94<br><br><b>H.264 (Web)</b><br>HQ mode (3 Mbps): 960 x 540 /29.97p/23.98p<br>LP mode (1.2 Mbps): 480 x 270 /29.97p/23.98p<br><br><b>PAL Setting</b><br><br><b>MPEG-2 Long GOP</b><br>HQ Mode:<br>1920 x 1080 /50i/25p/2p<br>1440 x 1080 /50i<br>1280 x 720 /50p<br>SP Mode:<br>1440 x 1080 /50i<br>1280 x 720 /50p<br><br><b>AVCHD</b><br>Progressive mode (28 Mbps): 1920 x 1080 /50p<br>HQ mode (24 Mbps): 1920 x 1080 /50i<br>SP mode (17 Mbps): 1920 x 1080 /50i<br>LP mode (9 Mbps): 1440 x 1080 /50i<br>EP mode (5 Mbps): 1440 x 1080 /50i<br><br><b>H.264 (HD)</b> |

|                                             |                                                                                                                                                                                             |
|---------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                                             | XHQ mode (50 Mbps): 1920 x 1080 /50p/50i/25p<br>UHQ mode (35 Mbps): 1920 x 1080 /50i/25p                                                                                                    |
| Audio Recording                             | <b>H.264 (Web)</b><br>HQ mode (3 Mbps): 960 x 540 /25p<br>LP mode (1.2 Mbps): 480 x 270 /25p<br>MPEG-2 Long GOP/H.264: LPCM 2ch/4ch, 48 kHz, 16-bit<br>AVCHD: AC3 2ch<br>Web: ?-law 2ch/4ch |
| Interface                                   |                                                                                                                                                                                             |
| Inputs                                      | 1 x HD/SD-SDI (BNC)<br>2 x XLR 3-pin (MIC, +48V, LINE)<br>1 x 3.5mm mini jack<br>1 x Genlock (BNC)<br>1 x Time code (BNC)<br>1 x XLR 4-pin DC power input                                   |
| Outputs                                     | 1 x Composite (BNC)<br>1 x 3G-SDI (BNC)<br>1 x HDMI<br>2 x RCA<br>2 x 3.5mm headphone jack<br>1 x Time code (BNC)<br>1 x XLR 4-pin DC power input                                           |
| USB                                         | 1 x Network connection host / mass storage device connection                                                                                                                                |
| Remote                                      | 1 x 6-pin DIN<br>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)<br>With battery: Approx. 10.6 lb (4.8 kg)                                                                                                          |
| Packaging Info                              |                                                                                                                                                                                             |
| Box Dimensions (LxWxH)                      | 19.7 x 13.5 x 9.4"                                                                                                                                                                          |
| Fujinon XT17sx45BRMK1 17x 4.5mm HD ENG Lens |                                                                                                                                                                                             |
| Mount                                       | Bayonet                                                                                                                                                                                     |
| Image Format                                | 1/3"                                                                                                                                                                                        |
| Focal Length                                | 4.5-77mm (17x Zoom)                                                                                                                                                                         |
| Aperture                                    | f/1.6                                                                                                                                                                                       |
| Iris Type                                   | Servo                                                                                                                                                                                       |
| Focus Type                                  | Manual                                                                                                                                                                                      |
| Horizontal View Angle                       | 60.3° at 4.5mm<br>3.9° at 77mm                                                                                                                                                              |
| Minimum Object Distance (M.O.D.)            | 3.1' (0.95m)                                                                                                                                                                                |
| Filter Size                                 | 82mm                                                                                                                                                                                        |
| Macro                                       | Standard                                                                                                                                                                                    |
| Dimensions (WxHxD)                          | <i>Not specified by manufacturer</i>                                                                                                                                                        |
| Weight                                      | 2.8 lbs (1.28kg)                                                                                                                                                                            |
| Packaging Info                              |                                                                                                                                                                                             |
| Box Dimensions (LxWxH)                      | 11.7 x 9.0 x 7.7"                                                                                                                                                                           |