

JVC ProHD Camcorder/XT20SX47BRM ENG 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
- Genlock & Timecode
- Built-In Network Protocols
- 4.7 to 94mm, 1/3" ENG Zoom Lens
- Manual Focus/Digital Servo Zoom

Camera  
Image Sensor

3 x 1/3" 2.2MP CMOS sensors

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|------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Synchronization System | Effective resolution: 2.07MP                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Stabilizer             | Internal / external                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Sensitivity            | Optical image stabilizer                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Minimum Illumination   | f/1.1 (60 Hz) / f/1.2 (50 Hz), 2000 lx (typical; Extended mode)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
|                        | 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 |

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|-------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                                     | <b>H.264 (HD)</b><br>XHQ mode (50 Mbps): 1920 x 1080 /50p/50i/25p<br>UHQ mode (35 Mbps): 1920 x 1080 /50i/25p                                                                               |
|                                     | <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 |
| Audio Recording                     |                                                                                                                                                                                             |
| Interface                           |                                                                                                                                                                                             |
| Inputs                              | 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)              | 19.8 x 12.9 x 9.5"                                                                                                                                                                          |
| Fujinon XT20SX4.7BRM HDTV Zoom Lens |                                                                                                                                                                                             |
| Format                              | 1/3"                                                                                                                                                                                        |
| Zoom Ratio                          | 20x                                                                                                                                                                                         |
| Focal Length                        | 4.7-94mm                                                                                                                                                                                    |
| Maximum Relative Aperture           | 1:1.4 (4.7-87.7mm)<br>1:1.5 (94mm)                                                                                                                                                          |
| M.O.D. from Front of Lens           | 0.9 m                                                                                                                                                                                       |
| Object Dimensions at M.O.D.         | 4.7mm 901 x 506mm<br>47 x 26mm                                                                                                                                                              |
| Angular Field of View               | (horizontal x vertical)<br>4.7mm 58° 11' x 34° 44'<br>59mm 3° 11' x 1° 48'                                                                                                                  |
| Filter Size                         | 82mm P=0.75                                                                                                                                                                                 |
| Inner Focus                         | Yes                                                                                                                                                                                         |
| Macro                               | Yes                                                                                                                                                                                         |
| Functions                           | QuickZoom<br>Innerfocus<br>Digital Servo                                                                                                                                                    |
| Dimensions (Diam. x L)              | 3.3 x 7.5" (85 x 190mm)                                                                                                                                                                     |
| Weight                              | 3.3 lbs (1.5kg)                                                                                                                                                                             |
| Packaging Info                      |                                                                                                                                                                                             |
| Box Dimensions (LxWxH)              | 12.9 x 9.3 x 7.6"                                                                                                                                                                           |