

JVC

GY-HM180 4K Ultra HD Camcorder



The new GY-HM180 sets a new benchmark for professional compact cameras with improved recording features over its predecessor. With full professional controls and an integrated 12x zoom lens it delivers stunning 4K Ultra HD video recordings directly to economical SDHC/SDXC memory cards. And, should you need to go-live, it is possible to do so via HDMI, or the newly added 3G-SDI output.

Key Features

- Single 1/2.3-inch CMOS image sensor with 12.4 million pixels
- High quality integrated 12x F1.2-3.5 zoom lens (35mm equivalent: 29.6–355mm)
- Dynamic Zoom in HD mode maps pixels to create seamless and lossless 24x zoom
- 4K Ultra HD recording (150 Mbps, 24/30p) to dual SDXC (UHS-I Speed class3) cards
- 4K Ultra HD recording (70 Mbps, 24/30p) to SDXC/SDHC(Class 10) card
- 4:2:2 Full HD (24-60p) recording at 50Mbps
- 120fps HD recording
- Live 4K UHD output via HDMI connector
- 2 position ND filter (1/4, 1/16)
- 3G-SDI output—**New!**
- HDMI outputs (4K output via HDMI only)
- 3G-SDI and HDMI outputs can feed and trigger external recorder
- 2-channel XLR audio inputs with phantom power
- Built-in stereo microphone
- 3.5-inch color LCD display (920K pixel) and 0.24-inch color viewfinder (1.56M pixel) with smart focus assist function
- Histogram Display
- Includes handle unit, BN-VF823 battery and an AC Adapter

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Integrated 12x Ultra HD Lens, 1/2.3-inch CMOS Sensor

Ultra high quality imagery begins with a precision 12x F1.2-3.5 optical zoom lens (35mm equivalent: 29.6–355mm). JVC's 4K CMOS sensor with 12.4M pixels delivers high sensitivity and excellent performance over a wide range of lighting conditions. Details are crisp and accurate throughout the entire image plane.

Dynamic Zoom for Lossless 24x Zoom

When shooting in the HD mode, Dynamic Zoom combines optical zoom and pixel mapping to create seamless and lossless 24x zoom. This allows the camera to have a long zoom range while retaining its small form factor. Shooters will also appreciate the convenient ND filter wheel: 0, 1/4th and 1/16th positions.



4K Ultra HD Recording at 150Mbps and Live Output

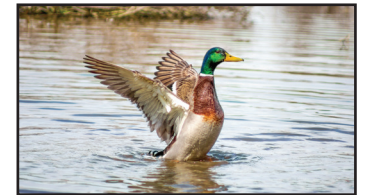
4K has never been so simple! Insert an affordable SDHC or SDXC (UHS-I Speed class 3) memory card into one of the two card slots and record hours of 4K Ultra HD (3840 x 2160) material. Connect a 4K Ultra HD monitor with a single HDMI cable, and view the camera's live 4K signal. You can also play back recorded files directly from the camera.

4:2:2 and Full HD Recording at 50Mbps

The GY-HM180 records 4:2:2 signals up to 60p at 50Mbps making it an ideal camera for production work. Files are stored in the Quicktime (.MOV) format for easy editing. Conventional AVCHD (4:2:0) recording is also possible, providing wide editing compatibility in an array of standard HD and SD formats.

120 fps Recording for Smooth Slow Motion

With high-speed recording at up to 120fps, the smooth slow motion feature can make incredible artistic effects for nature lovers, or help a sports coach or fan analyze an important play. (1920 x 1080 resolution only.)



Dual SDHC/SDXC Card Slots

Dual SDHC/SDXC card slots make the GY-HM180 a truly versatile camcorder, offering such benefits as simultaneous recording and relay recording. In relay recording mode, you can shoot continuously and seamlessly over multiple cards. When one card is full, the camcorder switches seamlessly and automatically to the other card. And because cards are hot swappable, there is in effect no limit to the continuous shooting time in any mode, even with lower capacity cards.

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