

GY-HM100E Hand-held HD Camcorder 3 CCD

World's first tapeless Compact Hand-Held camcorder to record Apple QuickTime file format (for Final Cut Pro) directly to SDHC memory cards.



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Description

Compact Hand-Held form factor - weighing only 1.44 kg., the GY-HM100 is the smallest and lightest HD camcorder to offer true 35 Mbps professional performance. Its size and portability open up new possibilities for high-quality HD recording applications, while reducing the strain of hand-held operation. Newly developed progressive 3 CCD provide 1080p digital processor applies 5 advanced noise reduction technologies. A 10x Fujinon lens provides edge-to-edge sharpness, and offers manual or auto focus, zoom and iris.

Main features

- Records files directly to widely available SDHC media cards (2 card slots), for more than six hours of continuous recording.
- World's first native support for Apple QuickTime file format (for Final Cut Pro) GY-HM100 natively records in the file format used by Apple QuickTime (for Final Cut Pro) the most popular NLE system
- 35 Mbps MPEG-2 (HQ) and 19Mbps/25Mbps SP Modes
- Records 1920x1080 HD video using the MPEG-2 Long GOP codec at 35Mbps in HQ mode.
- Additionally, GY-HM100 records 720p (19Mbps) and 1080i (25Mbps) in SP mode.

Additional features

- AF/OIS and a range of manual functions
- Professional switch layout and comprehensive video settings
- 0.44" color viewfinder/2.8" LCD display
- Built-in stereo microphone and 2-channel balanced audio inputs, mic/line switchable, built-in phantom power supply
- HDMI output, USB 2.0 interface

Technical specs

Image device:

1/4" Progressive scan 3 CCD

Sync system:

Internal synchronization

Stabilizer

Optical image stabilizer

Lens:

Fujinon F1.8, 10x, f=3.7-37mm (35mm conversion: 39 to 390mm)

Shutter speeds:

1/4 to 1/10000

Gain:

0, 3, 6, 9, 12, 15, 18 dB, ALC

Display:

LCD 2.8"

Recording functions:

Media: 2x SDHC memory card Class 6

Recording formats:

50Hz setting:

HQ mode: 1920x1080/50i, 25p,

1440x1080/50i, 1280x720p/50p, 25p.

SP mode: 1440x1080/50i, 1280x720/50p, 25p

60Hz setting:

HQ mode: 1920x1080i/59,94i, 29,97p, 23,98p,

1440x1080/59,94i, 1280x720/59,94p, 29,97p, 23,98p.

SP mode: 1440x1080/59,94i, 1280x720/59,94p, 29,97p, 23,98p.

Audio Recording Format:

LPCM 2ch, 48kHz/16-bit,
Media: Multimedia Card/SD card/SDHC card, JPEG.
(internal stereo mic/external mic input)

Interface

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Video output:

Composite output (480i, 4:3/16:9)
Component output:(480i/720p/1080i)
HDMI output(480i/720p/1080i)
USB 2.0

Power requirement:

DC 6,3 V (AC adapter), DC 7,2V Battery

Power consumption:

7,2 W (with VF and LCD monitor)

Dimensions (WxHxD):

138x178x365mm

Operating Temperature:

0°C to 40°C (-10°C to 60°C storage)

Operating Humidity:

30% to 80% (less 85% storage)

ACCESSORIES (Supplied)

Battery pack x1, AC adaptor x1, Battery charger x1, Microphon x1, Wireless remote control unit x1,
Component cable x1, A/V cable x1.

Accessories

- [AA-VF8](#)
- Battery Charger BN-VF8 Series
- [BN-VF823](#)
- Battery, L-ion, 2.190mA/h
- [GL-V0746](#)
- Wide Converter 0.7x
- [GL-V1846](#)
- Tele Converter 1.8x
- [MV-P615U](#)
- Mic, mono w. XLR connection
- [MZ-V8](#)
- Stereo Microphone

Brochures and manuals

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[GY-HM100 Product Info](#)

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[GY-HM100 brochure](#)

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[Instruction manual \(from the JVC Professional Europe Service Information System\)](#)

Links

Miscellaneous