



The Perfect Experience / —

ProHD

HD Memory Card Camcorder
GY-HM700/GY-HM100

Why Choose ProHD Memory Camcorders?

The professional video industry is moving toward a tapeless, flash memory-based workflow. JVC ProHD leads the way using SDHC recording media, offering advantages in terms of media cost and reliability, and Native File Recording to realize a faster, simpler and more efficient workflow. What's more, ProHD integrates seamlessly into your existing systems and production infrastructure.



Three Major Advantages of GY-HM700/HM100

1

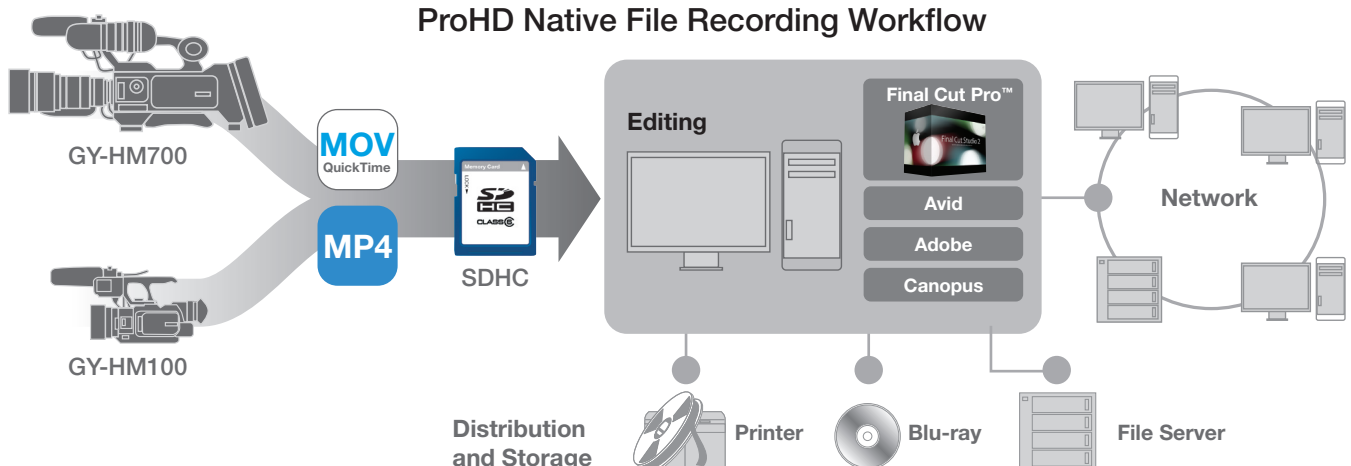
Native File Recording—
QuickTime™ MOV for
FCP™ and XDCAM EX™
MP4 format*

2

Twin SDHC Class 6 card
slots—non-proprietary,
affordable & reliable
recording media

3

Progressive 24 fps
MPEG-2 recording at 35
Mbps—ideal for digital
cinema composition



*GY-HM700 requires the optional KA-MR100G SxS memory card recorder to record MP4 files on either SDHC or SxS media.

The Outstanding Features of ProHD for Digital Film Production

Native HD Recording Modes Ideally Suited to Digital Cinema

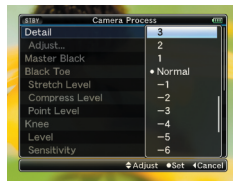
**35
Mbps**

Using a three progressive CCD design, the GY-HM700 and GY-HM100 can natively record progressive 24 fps at the standard HD resolutions of 1920x1080 (35 Mbps) and 1280x720 (35/19 Mbps), making these camera recorders ideal for digital cinema composition.

Cinema Gamma Settings and Cinema Color Matrix Settings

Both models feature a Cinema Gamma mode as well as Cinema Vivid and Cinema Subdued Color Matrix modes for more film-like video shooting. The characteristics of these settings have been accurately matched for consistent results when shooting with both the GY-HM700 and GY-HM100.

In addition to the preset settings common to both models, users of the GY-HM700 can precisely adjust individual gamma and color matrix parameters.



Interchangeable Lens and Image Rotation Functions (GY-HM700)

The GY-HM700 has a 1/3" bayonet-mount interchangeable lens system. With the optional ACM-12 or ACM-17 lens mount converter, 1/2" and 2/3" bayonet-mount lenses can also be used. Furthermore, using the optional HZ-CA13U cinema lens adapter in conjunction with JVC's unique Image Rotation function, existing PL-mount cinema prime lenses can be used to provide unparalleled imagery capabilities.

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Variable Frame Rate Recording (GY-HM700)

When recording in the 720p 35 Mbps mode, the camera can be set to record at a frame rate that is faster or slower than the playback rate (overcranking/undercranking), enabling fast and slow motion effects when the recording is played back at 24p or 30p. The recording frame rate can be set to 10, 12, 15, 20, 24, 30, 40, 48 or 60 fps.

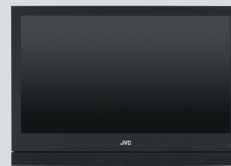
Spot Exposure Meter (GY-HM700)

When shooting high-contrast scenes, setting the exposure accurately can become tricky. The Spot Meter allows you to monitor the dynamic range of the image in various ways so that the exposure may be controlled more accurately. A manual mode allows a specific area of the image to be monitored for precise exposure control of the main subject in the frame. There are four modes of spot metering: Max/Min, Max, Min and Manual. In the Max/Min mode, the highest and lowest levels of the image are identified with color markers, red (H) and white (L), along with the video level (before knee and gamma).



Optional Peripherals

GD-32X1
Ultra-slim LCD Monitor



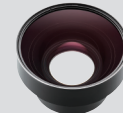
DT-V24L3U/V20L3U/V17L3U/V9L1U
LCD HDTV monitor



HZ-CA13U (for GY-HM700)
16mm film lens adapter



GL-V0746U (for GY-HM100)
0.7x Wide converter



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