

GY-HD201E(B) HDV Camcorder DV in/out

HDV Camcorder DV in/out...



[Description](#)

[Main features](#)

[Additional features](#)

[Technical specs](#)

[Accessories](#)

[Brochures and manuals](#)

[See all in one page](#)



Description

A compact professional ProHD shoulder camcorder, designed to produce the highest quality images in ENG / EFP and cinematography. It offers full-frame 720p/50 imaging and real 24p recording capability. Live uncompressed 1080i and live uncompressed 720p are menu selectable as the component output. GY-HD201E(B) has HDV and DV 720p in- & output. In addition 1080i output.

Main features

- Three 1/3" high definition CCD image sensors (1280 x 720 pixels)
- Interchangeable lenses via bayonet mount
- Switchable between standard definition and high definition
- DV and HDV 720p in- & output via IEEE1394 port additionally 1080i output via IEEE1394 port
- 1080i input to view HDD material on camera LCD panel
- 720p/50 & 60, 25 & 30, and 24 recording
- 1080i/50 and 720p/50 live, uncompressed analogue component output 12V system with built-in V-mount plate
- 14 bit A/D

Additional features

- Colour viewfinding via 0.44" eyepiece and 3.5" LCD panel, both switchable to B&W
- Patented Focus Assist for speed and accuracy of focus
- Remote control via 6 pin DIN
- V-wedge tripod adapter fitted
- Dynamic shading compensation
- Choice of cinema gamma and film-out gamma

Technical specs

Image pickup device:

1/3" inch interline-transfer CCD

Optical system:

Colour separation system: F1.4, 3-colour separation prism

ND filter: +1/4ND, +1/16ND

No of pixels:

Total: Approx 1.110.000 píxeles

Colour system:

PAL (wide band R-Y, B-Y encoder)

Colour bars: SMPTE HDTV colour bars / EBU colour bars

Sync system:

Internal sync (built-in SSG)

External sync: BB, VBS, signal or HD tri-sync signal

Lens mount:

1/3" bayonet system

Gain:

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

Shutter speeds:

Electronic Shutter:

Standard value: 50 Hz

Fixed values:

7.5 - 10,000 Hz, 11 steps (HDV HD60p / HDV HD30p)

6.25 - 10,000 Hz, 11 steps (HDV HD50p / HDV HD25p; DV 50i/DV25p mode)

6 - 10,000 Hz, 12 steps (HDV HD24p)

Variable scan:

About 60 to 10,000 Hz (HDV HD60p / HDV HD30p) /

About 50 to 10,000 Hz (HDV HD50p / HDV HD25p; DV 50i/25p mode)

About 24 - 10,000 Hz (HDV 24p)

Dynamic range:

300% or more

Recording formats:

720/24p, 720/25p, 720/30p, 720/50p, 720/60p, 576/25p, 576/50i

Recording system:

Built-in MiniDV recorder.

External optional Hard Disk Recorder DR-HD100E

VIDEO

HDV

Video signal recording format: HDV1 format, 8-bit, 19.7 Mbps

Compression: MPEG-2 video (profile & level: MP@H-14)

Sampling frequencies:

720/60p: 74.25/1.001 MHz (4:2:0 component)

720/50p: 74.25 MHz (4:2:0 component)

1080/60i: 74.25/1.001 MHz (4:2:0 component, cross conversion only)

1080/50i: 74.25 MHz (4:2:0 component, cross conversion only)

DV

Video signal recording format: DV format, 8-bit, 25 Mbps

Compression: DV compression, 4:2:0

AUDIO:

HDV

Audio signal recording format: MPEG1 Audio Layer II

DV

Audio signal recording format: 16-bit (locked audio), 48 kHz PCM for 2 channels or 12-bit, 32 kHz PCM for 4 channels

Usable tape: Mini DV tape

Tape speed: 18.831 mm/sec.

Record/play time: 63 minutes (with an M-DV63PROHD tape)

CONNECTORS

Analogue composite output:

1.0 V (p-p), 75 ohms, unbalanced (RCA)

Analogue component output:

Y: 1.0 V (p-p), 75 ohms, unbalanced (BNC)

R-Y / B-Y: 0.7 V (p-p), 75 ohms, unbalanced (BNC)

Audio input:

Mic: -60 dBs, 3 kohms, balanced (XLR), +48 V output for phantom power supply

Line: +4 dBs, 10 kohms, balanced (XLR)

Audio output:

-8 dBs, low impedance, unbalanced (RCA)

Other:

8 ohm (Minijack stereo x 2)

Terminal IEEE1394: 6 pin

Terminal REMOTE: DIN 6 pin"

Power requirement:

DC 12 V (10.5 - 17V)

Power consumption:

Approx 23W (in record mode)

Operating Temperature:

0°C to 40°C

Storage: -20°C to 60°C

Operating Humidity:

30% to 80% RH

Storage: 85% RH or less

Dimensions:

224mm (W) x 242.3mm (H) x 414mm (D)

Weight:

Mass: 3.8 kg (including lens [Th16x5.5BRMU], viewfinder, microphone and tape)

ACCESSORIES (Supplied)

Viewfinder x 1

Lens (Th16x5.5BRM) x 1

Microphone x 1

SD memory card x 1

V-wedge tripod adapter (KA-V100) x 1

Trademark notice:

"HDV" and "HDV" logo are trademarks of Sony Corporation and Victor Company of Japan, Limited (JVC)

Accessories

- [AA-P30E](#)
- AC POWER ADAPTOR
- [M-DV63PROHD](#)
- MiniDV ProHD - 63 mins

Brochures and manuals



[GY-HD200EB](#)



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

Links

Miscellaneous