

DR-HD100



JVC DR-HD100

Camera Compatibility



Native QuickTime HDV Support

With the DR-HD100, you can record 720/24p, 25p, and 30p as native QuickTime HDV. The DR-HD100 extracts and decodes the audio from the incoming HDV stream, combines it with the video stream, and wraps it as a QuickTime HDV file. When recording is complete, your QuickTime HDV file can be imported directly into Final Cut Pro—no capture or conversion is required.

Applications

- Athletics
- Broadcasting
- Corporate and Industrial Production
- Education and Training
- Events and Entertainment
- Government
- Healthcare
- Independent Film
- Security and Surveillance
- Video Production
- Weddings and Events
- Worship

Weighing one pound and only 1.5 inches thick, the Focus DR-HD100 Portable DTE Recorder brings Direct To Edit® recording technology to your JVC GY-HD100/110 series or HD200/250 series ProHD camcorder. Whether it's mounted directly to your camcorder or clipped to your belt, the JVC DR-HD100 is designed to excel in the field.

Focus DR-HD100 Portable DTE Recorder

Featuring a comprehensive backlit display, an easy-to-use menu system, a hard drive, and a removable, rechargeable battery, the Focus DR-HD100 is the perfect DTE companion for JVC GY-HD100/110 series and HD200/250 series ProHD camcorders. Audio, video, timecode, and control information is passed through a single FireWire cable, allowing you to record to disk and tape simultaneously. Designed for use in even the roughest conditions, the DR-HD100 includes a six- or ten-second electronic shock cache to ensure that you never lose footage. Advanced features such as time lapse (DV mode only) retro disk recording and scene marking make the DR-HD100 Portable DTE Recorder the perfect DTE companion for handheld shoots.

When recording is complete, your footage is ready to edit instantly—no capturing, file transfer, or file conversion is required. The DR-HD100 is compatible with a wide range of nonlinear editing systems. For a complete list of DTE-compatible NLE software, please visit www.focusinfo.com.

Configurations

MODEL	DR-HD100 60GB	DR-HD100 100GB
Recording Time		
DV	4.5 hours	7.5 hours
HDV 1080i	4.5 hours	7.5 hours
HDV 720p	6 hours	10 hours
HDV Recording Mode		
.m2t 1080i 50/60	•	•
.m2t 720p 24/25/30/50/60	•	•
QuickTime 1080i 50/60	•	•
QuickTime 720p 24/25/30	•	•
DV Recording Mode		
AVI Type 1	•	•
AVI Type 2	•	•
AVI Type 2 24p	•	•
Avid OMF	•	•
Canopus AVI	•	•
Matrox AVI	•	•
MXF	•	•
Pinnacle AVI	•	•
QuickTime	•	•
QuickTime 24p	•	•
RawDV	•	•

The Direct To Edit Advantage

With the Focus DR-HD100 Portable DTE Recorder, you'll go from acquisition to editing with unparalleled speed, efficiency, and reliability. Designed specifically for JVC GY-HD100/110 series and HD200/250 series ProHD camcorders and compatible with most third-party editing software, the DR-HD100 features Direct To Edit (DTE) video recording technology that converts the output from your DV or HDV camcorder or VTR to a nonlinear editing (NLE) format and records it on the internal disk drive. By combining DTE Technology® with advanced caching and redundant tape and disk recording, the DR-HD100 ensures that you never miss an important shot or lose critical footage.

Technical Specifications

MODEL	DR-HD100
Input/Outputs	DV25 or HDV video I/O (1 x 6-pin IEEE-1394) FireWire computer I/F—up to 400 Mbps (1 x 6-pin IEEE-1394) GPI and RS-232C control (1 x 3.5mm minijack)
Audio	DV embedded 2-channel (16-bit, 48 kHz) or 4-channel (12-bit, 32 kHz) (RawDV only); HDV embedded MPEG-1 Audio Layer II
Video (DV)	25 Mbps; 8-bit 4:1:1 (NTSC-DV) or 4:2:0 (PAL-DV) (model dependent)
Video (HDV)	MPEG-2 (MP@H-14) 720p (8-bit, 19.7 Mbps) or 1080i (8-bit, 25 Mbps)
Timecode	DV embedded timecode (drop or nondrop)
DV DTE File Formats	RawDV, AVI Type 1, AVI Type 2, Matrox AVI, Canopus AVI, QuickTime, AVI Type 2 24p, QuickTime 24p, MXF, Pinnacle AVI, Avid DV OMF
HDV DTE File Formats	.m2t 720p 24/25/30/50/60, QuickTime HDV 1080i 50/60 and 720p 24/25/30
Disk	60GB or 100GB
Disk Speed	5400 RPM; 8MB cache
Disk Format	FAT32
OS Compatibility	Windows 98SE, ME, 2000, XP; Mac OS 9, Mac OS X
Power Adapter	15V DC, 0.7A; minijack power connector
Battery	Custom removable Li-ion rechargeable battery
Battery Capacity ¹ (for battery included with model)	60GB configuration: Standard-capacity battery (90 minutes) 100GB ² configuration: High-capacity battery (180 minutes)
Dimensions (h x w x d)	1.59" x 5.6" x 3.74" (40mm x 142mm x 95mm)
Weight	1.0 lb. (0.45 kg)
Shock Vibrations	Operating: 50cm; Non-operating: 100cm; 50Hz–60Hz (1G constant)
Temperature	Operating: 0°–40°C (32°–104°F); humidity: 30%–90% RH Storage: -20°–60°C (-40°–140°F); humidity: 85% RH or less
Compliance	CE, C-Tick, FCC, and RoHS
Warranty	2 years
Optional Accessories	Standard-capacity Li-ion rechargeable battery (90 minutes) ¹ ; high-capacity Li-ion rechargeable battery (180 minutes) ¹ ; external battery charger; wired remote control unit; camera mount kit

¹ Estimated recording time

² Includes high-capacity cradle

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