



FS-C

Camera Compatibility



Native QuickTime HDV Support

With the FS-C, you can record 1080i 50/60/24F/25F/30F or 720p 30 clips as native QuickTime HDV. The FS-C 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 less than one pound and only 1.5 inches thick, the Focus FS-C Portable DTE Recorder brings Direct To Edit® recording technology to your Canon DV- or HDV-based camcorder. Whether it's mounted directly to your camcorder or clipped to your belt, the FS-C is designed to excel in the field.

Focus FS-C Portable DTE Recorder

Featuring a comprehensive backlit display, an easy-to-use menu system, a 60GB or 100GB hard drive, and a removable, rechargeable battery, the Focus FS-C is the perfect DTE companion for your Canon DV or HDV camcorder. 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 FS-C includes a ten-second electronic shock cache to ensure that you never lose footage. Advanced features such as time lapse (DV mode only), retro disk recording, scene marking, and clip categorization make the FS-C Portable DTE Recorder the perfect companion for handheld shoots. When recording is complete, your footage is ready to edit instantly—no capturing, file transfer, or file conversion is required.

Configurations

MODEL	FS-C 60GB	FS-C 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 50/60/24F/25F/30F	•	•
.m2t 720p 24/25/30/50/60	•	•
QuickTime 1080i 50/60/24F/25F/30F*	•	•
QuickTime 720p 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	•	•

* Model dependent. 60Hz model: 1080i 60/24F/30F, 720p 30; 50Hz model: 1080i 50/25F

The Direct To Edit Advantage

With the FS-C Portable DTE Recorder, you'll go from acquisition to editing with unparalleled speed, efficiency, and reliability. By combining DTE Technology® with advanced caching and redundant P2 card and disk, the FS-C ensures that you never miss an important shot or lose critical footage. And best of all, your footage is ready to edit instantly.

NLE System Compatibility

Because the FS-C is capable of recording video in a wide range of formats, it's compatible with a large number of nonlinear editing systems. To review the complete list of DTE-compatible NLE software, please visit www.focusinfo.com.

Technical Specifications

MODEL	FS-C
Input/Outputs	DV I/O: 25 Mbps HDV I/O: MPEG-2 transport stream (19.8 or 25 Mbps) 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 input: Embedded 2-channel (48 kHz, 16-bit) or 4-channel (32 kHz, 12-bit); Note: 4-channel (12-bit, 32 kHz) audio is supported only in DTE Technology with RawDV file format HDV input: 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)
DTE Formats	RawDV, AVI Type 1, AVI Type 2, AVI Type 2 24p, Matrox AVI, Canopus AVI, QuickTime, QuickTime 24p, Avid OMF, Pinnacle AVI, QuickTime HDV, .m2t HDV
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)	Standard-capacity battery (90 minutes)
Dimensions	1.59" x 5.6" x 3.74" (40mm x 142mm x 95mm)
Weight	1.0 lb. (0.45 kg)
Compliance	CE, C-Tick, FCC, and RoHS
Warranty	2 years
Accessories Included	Standard-capacity Li-ion rechargeable battery (90 minutes); Canon XL series camera mount kit; belt clip; 4-pin right-angle FireWire cable
Optional Accessories	Standard-capacity Li-ion rechargeable battery (90 minutes); high-capacity Li-ion rechargeable battery (180 minutes); external battery charger; wired remote control unit; serial control cable, camera mount kit (for non Canon XL series cameras)

¹ Estimated recording time

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