



FS-H200

Powerful, Flexible and Easy to Use

The FS-H200 ultra-reliable solid state DTE recorder to record a wide range of HDV and DV formats and navigate quickly and easily using the intuitive menu structure.

Perfect for Extreme Conditions

Trouble-free recordings in extreme shock and high altitudes. Record in temperatures up to 120 degrees F (50 degrees C)

Silent Operation

Enjoy quiet operation made possible by a true solid state media recorder with no moving parts.

Recording Modes

HDV Recording Modes

- .m2t 720p 24/25/30/50/60
- .m2t 1080i 50/60
- QuickTime 1080i 50/60
- QuickTime 720p 30

DV Recording Modes

- AVI Type 1
- AVI Type 2 | AVI Type 2 24p
- QuickTime | QuickTime 24p
- Canopus AVI
- Matrox AVI
- RawDV

FS-H200 Portable Compact Flash DTE Recorder

The all new FS-H200 Portable Compact Flash DTE Recorder brings ultra-reliable solid state acquisition with Direct To Edit Technology to your DV or HDV camcorder. FS-H200 utilizes standard Type 1 removable Compact Flash media which provides fast, reliable, and low-cost recording.

Solid State Acquisition to Editing in One Step

The Focus FS-H200 introduces a new element to DTE Recording. For the first time, it is possible to record directly to a removable and inexpensive Compact Flash (CF) memory cards (sold separately). Connect the FS-H200 directly to your DV or HDV camcorder using a single FireWire cable, allowing you to record to CF card only or to CF card and tape simultaneously. By Recording to solid state Compact Flash cards, the Focus FS-H200 can be used in the most extreme conditions including high-shock and altitude environments. With the FS-H200, once a recording is completed the Compact Flash card can be removed from the unit and inserted into a memory card adapter for quick computer access or remain in the FS-H200 and mounted to computer via USB.

The Direct To Edit Advantage

With the FS-H200 Portable Compact Flash DTE Recorder, you will go from acquisition to editing with unparalleled speed, efficiency, and reliability. By combining DTE Technology, reliable solid state recording and advanced caching, the FS-H200 ensures that you never miss an important shot or lose critical footage and your footage is ready to edit instantly.

Industry Standard File Format Support

The Focus FS-H200 brings the most popular DTE file formats to solid state recording. When used with 25Mb/s HDV cameras. The FS-H200 supports QuickTime 1080i50/60 and 720p25/30 recording for Final Cut Pro use as well as M2T 720p/1080i recording for use in a number of different applications from Adobe, Avid and Grass Valley (Canopus).

Removable Compact Flash Slot

The FS-H200 features a CF card slot on its side for insertion of standard Type 1, UDMA, 266x minimum Compact Flash Cards. Compact Flash cards feature a fast interface and very high capacities (currently up to 32GB) at low cost.

CF CARD	16GB Card	32GB Card
DV	1.1 hours	2.2 hours
HDV 1080i	1.1 hours *	2.2 hours *
HDV 720p 30	1.3 hours*	2.6 hours*

* About 20% less record time for QuickTime HDV

Native QuickTime Support

With the FS-H200, you can record 1080i 50/60 or 720p 30 clips as native QuickTime HDV. The FS-H200 extracts and decodes the audio from the incoming HDV stream, combines it with 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.

Designed to Transform Workflow with Industry Standard Removable Media

FS-H200 allows you to go straight from shooting to editing by recording video in the NLE-compatible file format of your choice. Enhancing workflow one step further, once a recording is complete, the FS-H200 allows you to remove the Compact Flash memory and mount it to your computer using a standard CF compatible memory card reader. By doing this, you are free to insert another CF card into your FS-H200 and continue shooting while your previous card is being used for editing or archive ingest. If a CF compatible memory card reader is not available, simply leave the CF card in the FS-H200 and mount the unit to a computer via USB2.0 using the available HDD mode.

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Support

When you purchase video production solutions from Focus Enhancements, you not only receive reliable products that deliver superior performance every day, you also receive unconditional service and support from a team of seasoned video professionals. All products are backed by comprehensive warranties and optional support contracts that cover installation, training, 24/7 phone support, and priority parts replacement.

Consultation

With extensive experience in designing, configuring, and integrating video production solutions for leading companies around the world, the Focus team can help you select the right products for your business. If you have special requirements, solution consultation and custom configuration services are available.



Technical Specifications

FS-H200	SPECIFICATION
Display	2.5 inch (diagonal) color TFT display 320 x 240 pixel resolution
Input/Outputs	DV I/O: 25Mbps HDV I/O: MPEG-2 transport stream (19.8 or 25 Mbps) Computer I/F: USB 2.0 (up to 48- Mbps) (1 x USB-A female) Video I/O: 1 x 6-pin IEEE 1394 (FireWire/i.LINK) 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 (32 kHz, 12-bit) 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), 4:2:0, 720p (8-bit, 19.7 Mbps) or 1080i (8-bit, 25Mbps)
Timecode	DV embedded timecode (drop or nondrop)
DTE Formats (SD)	AVI type 1, AVI Type 2, AVI Type 2 24p, Canopus AVI, Matrox AVI, QuickTime, QuickTime 24p, RawDV
DTE Formats (HD)	m2t HDV (720p 24/25/30/50/60, 1080i 50/60/24F/25F/30F) QuickTime HDV (720p 30, 1080i 50/60)
Record Media	Removable Type 1, UDMA Compact Flash Card (Min. 266x) recommended: SanDisk Extreme III
Disk Format	UDF (Universal Disk Format) or FAT32 (user selectable)
OS Compatibility	Windows XP, Vista, MAC OS X
Power Adapter	11 - 18V DC; minijack power connector
Battery	Custom removable Li-ion rechargeable battery
Battery Capacity	Standard capacity battery (180 minutes)
Dimensions	2.75" wide x 5.4" high x 1.25" deep (70mm x 137mm x 23mm)
Weight	12 oz. (0.34 kg)
Models	NTSC or PAL models available
Warranty	1 year
Accessories Included	Standard-capacity Li-ion battery (180 min.); 4-to-6 pin FireWire cable; USB A-to-A cable; camera handle mount
Optional Accessories	Standard-capacity Li-ion battery (180 min.); 6-to-6 pin FireWire cable

Corporate Headquarters

Focus Enhancements
1370 Dell Avenue
Campbell, CA 95008

P 800 338 3348 (toll free)
P 408 866 8300
F 408 866 4859
E sales@focusinfo.com
E asiapac@focusinfo.com

European Headquarters

COMO Computer & Motion GmbH
A Focus Enhancements Company
Lise-Meitner-Str.15
24223 Schwentinal
Germany

P +49 4307 8358 0
F +49 4307 8358 99
E emea@focusinfo.com

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