# FOCUS
## A Vitec Company

**FS-H200 Pro**

## The Direct To Edit Advantage

With the FS-H200 Pro, you'll go from acquisition to editing with unparalleled speed and efficiency. By combining DTE Technology® with advanced caching, the FS-H200 Pro ensures that you never miss an important shot or lose critical footage. And best of all, your footage is ready to edit instantly.

## Recording Modes

### HDV Recording Modes

.m2t 720p 24/25/30/50/60

.m2t 1080i 50/60/30F/25F/24F

MXF HDV 720p 30, 1080i 50/60

QuickTime 720p 25/30, 1080i 50/60

### DV Recording Modes

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

## Solid-State CF Memory Cards

The FS-H200 Pro includes a slot that accommodates a removeable compact-flash memory card. A complete list of compatible CF media can be found at focusinfo.com/go/cfmedia.

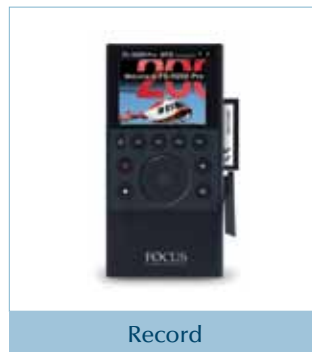| CF Card | 16GB | 32GB | 64GB |
|---|---|---|---|
| DV | 1.1 hrs | 2.2 hrs | 4.4 hrs |
| HDV 1080i | 1.1 hrs* | 2.2 hrs* | 4.4 hrs* |
| HDV 720p 30 | 1.3 hrs | 2.6 hrs | 5.2 hrs |

*Recording time is approximately 20% less for QuickTime HDV

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The new FS-H200 Pro Portable Compact Flash DTE Recorder brings ultra-reliable solid-state acquisition to your DV or HDV camcorder. By using removable compact-flash media, the FS-H200 Pro provides an efficient and cost-effective method of recording video that provides unparalleled speed and reliability, even in the most extreme conditions. And with it's vivid color display, the FS-H200 Pro makes it easy to view video, thumbnails, menus, and recording information, even under challenging lighting conditions.
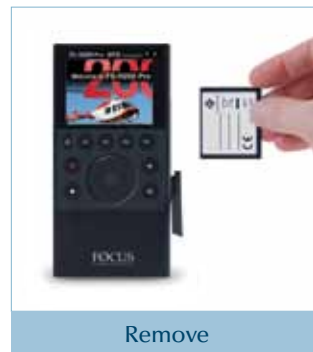
## Focus FS-H200 Pro Portable Compact Flash DTE Recorder

### Go from Solid-State Acquisition to Editing Instantly

Connect the FS-H200 Pro directly to your DV or HDV camcorder using a single FireWire cable and record video on industry-standard Type 1 compact-flash (CF) media[1] or on CF media and tape simultaneously. Once a recording is complete, simply remove the media card and insert it in a compact-flash card reader, or connect the FS-H200 Pro to your computer via a USB 2.0 connection, and transfer your recording to your computer. Your footage is ready to edit instantly—no conversion is required.



| Record | Remove | Edit and Archive |
|---|---|---|

### Record in Industry-Standard Modes

The FS-H200 Pro brings the most popular DTE file formats to solid-state recording. Record native QuickTime HDV 1080i 50/60 or 720p 25/30 clips and import them directly into Final Cut Pro—no conversion is required. If you're an Avid user, you can record MXF HDV 720p 30 or 1080i 50/60 clips and edit them instantly. You can also record .m2t 720p or .m2t 1080i files and enjoy seamless compatibility with a number of NLE applications, including solutions from Adobe, Avid, and Grass Valley (Canopus).

### Assign Custom Metadata on the Fly

With the FS-H200 Pro, you can personalize and optimize workflow—during shooting or playback. With your wireless handheld device or laptop, you can access one or more FS-H200 Pro units through a browser, define metadata, and assign it to video while you're recording or during playback, eliminating the need to tag footage when the shoot is over.

### View Thumbnails and Video Clips

With the FS-H200 Pro, you can view thumbnails and video clips on its brilliant color display. Thumbnails can also be viewed on a web page when the FS-H200 Pro is connected to a network. MPEG-4 proxy files can be generated and transferred to a host computer, a video-sharing web site, and to portable media devices, making collaboration easy.

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## Connectivity

With its FireWire/iLINK, GPI/RS-232, and USB 2.0 ports, the FS-H200 Pro easily connects to your camera, a remote control unit, or your wired[1] network. For wireless[2] connectivity, simply plug the optional 802.11 dongle into the USB 2.0 port and use your wireless PDA or laptop to send custom metadata to the FS-H200 Pro while your footage is recording or playing back.

[1] Requires an Ethernet-to-USB adapter (sold separately)

[2] Requires an 802.11 dongle (sold separately)

## About Focus ProxSys

The ProxSys™ product line provides cost-effective and reliable media-asset management solutions that are specifically designed to streamline acquisition, storage, and retrieval of your digital media.

## Support

When you purchase video production solutions from Focus, you not only receive reliable products that deliver superior performance every day, you also receive outstanding service and support from a team of seasoned video professionals.

## Technical Specifications

| MODEL | FS-H200 PRO |
|---|---|
| Display | 2.5-inch (diagonal) color TFT LCD display; 320- by 240-pixel resolution |
| Input/Outputs | DV I/O: 25 Mbps |
| | HDV I/O: MPEG-2 transport stream (19.8 or 25 Mbps) |
| | Computer I/F: USB 2.0 (up to 480 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 (12-bit, 32 kHz) audio is supported only in DTE Technology with RawDV file format |
| | HDV input: Embedded MPEG-1 Audio Layer II |
| Broadcast Standard | NTSC or PAL (model dependent) |
| 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 (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), MXF HDV (720p 30, 1080i 50/60), QuickTime HDV (720p 25/30, 1080i 50/60) |
| Recording Media[1] | Removable Type 1, UDMA compact-flash card (266X minimum) |
| Networking | USB 802.11 dongle (optional) or USB Ethernet adapter (optional) |
| OS Compatibility | Windows XP, Windows Vista, Windows 7; Mac OS X |
| Power Adapter | 11-18V DC; minijack power connector |
| Battery | Custom removable Li-ion rechargeable battery |
| Battery Capacity[2] | Standard-capacity battery (180 minutes) |
| Dimensions | 2.75" wide by 5.4" high by 1.25" deep (70mm x 137mm x 32mm) |
| Weight | 12 oz. (0.34 kg) |
| Compliance | CE, C-Tick, FCC, and RoHS |
| Warranty | 1 year |
| Accessories Included | Standard-capacity Li-ion rechargeable battery (180 minutes), 4- to 6-pin FireWire cable, 6- to 6-pin FireWire cable, USB A-to-A cable |
| Optional Accessories | Standard-capacity Li-ion rechargeable battery (180 minutes), 4- to 6-pin FireWire cable, 6- to 6-pin FireWire cable, USB A-to-A cable |

[1]  A complete list of compatible CF media cards can be found at focusinfo.com/go/cfmedia.
[2]  Estimated recording time