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FS-T1001

Sony Camera Compatibility

Mount the Focus FS-T1001 on any Sony HDCAM, XDCAM HD422, or XDCAM HD camera that features the BP-L (V mount) battery system, and record XDCAM HD422* or XDCAM EX files.

Compatible Sony Cameras	
PDW-700	HDW-650F
PDW-F335	HDW-790
PDW-F355	HDW-750
PDW-F800	HDW-F900
PMW-350	

HD-SDI Sources	
Cameras	Decks
Camcorders	Pool Feeds
Switchers	

* Support for XDCAM HD422 files is scheduled for summer 2011.

The new FS-T1001 Camera Mount Media Recorder brings XDCAM EX workflow to HDCAM and XDCAM HD cameras and other HD-SDI cameras and devices. Fitting seamlessly between the camera and battery system, the FS-T1001 interfaces with the camera's HD-SDI port and records XDCAM HD422* or XDCAM EX video directly to a removable Sony solid-state memory card.

Focus FS-T1001 Camera Mount Media Recorder

Record Video on Solid-State Recording Media

The FS-T1001 records industry-standard XDCAM HD422* or XDCAM EX files on removeable SxS Pro or SxS MEAD-SD adapter solid-state memory cards. The FS-T1001 uses the same recording format, directory structure, and bit rate (50/35/25Mbps) that other XDCAM HD422* and XDCAM EX devices use, making your fles compatible with a wide range of camcorders, decks, media servers, and editing software.

Mount the Compact FS-T1001 on Your Camera

Designed from the ground up to be easily mounted on cameras that utilize the Sony BP-L (V mount) battery system, the lightweight FS-T1001 sits between the camera and the battery system, adding only 2.5" (63.5mm) to the length of the camera (with battery). The FS-T1001 consumes only 10 watts of power from the battery system and passes power through the camera, making operation extremely efficient. A single HD-SDI cable connects the FS-T1001 to your camera or device, and provides audio, video, timecode, and ancillary data, enabling the camera to start and stop recording.

Integrate the FS-T1001 into Your Workflow with Ease

From recording to generating dailies to editing, the FS-T1001 makes it easy to produce professional video with ground-breaking efficiency. When used with a camcorder, audio, video, and timecode will match the same video recorded on the camera's own media, enabling the FS-T1001 to be seamlessly integrated into your workflow process.

View and Manage Thumbnails

With it's bright OLED display, the FS-T1001 makes it easy to view and manage video clip thumbnails. The convenient thumbnail menu provides a thumbnail of each clip, along with the clip's name and duration.

Count On the FS-T1001 to Deliver

Powerful and Easy to Use

Control the FS-T1001 quickly and easily using the capacitive buttons and intuitive menu structure

Never miss a shot with retro-cache recording (up to 10 seconds)

View menus and thumbnails on the built-in 2.4" color OLED display, from any angle

Equipped for Connectivity

Use the Express 34 memory-card slot to record XDCAM HD422* or XDCAM EX video on removeable SxS Pro or SxS MEAD-SD media

Mount SxS Pro cards to a computer (slave mode) and connect accessories (host mode) using the dual USB ports

Connect to a wide array of cameras (input) and monitors (output) using the HD-SDI I/O ports

Connect to an HD-SDI monitor for playback

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XDCAM HD422 Recording

HD422* Recording Modes

Video (50 Mbps)

1920 x 1080 59.94i/50i

1920 x 1080 29.97p/25p/23.98p**

1280 x 720 59.94p/50p

Audio

4-channel (48 kHz, 24-bit)

* XDCAM HD422 support, summer 2011
** Not supported with PsF HD-SDI inputs

HQ Recording Modes

Video (35 Mbps)

1920 x 1080
59.94i/50i/29.97p/25p/23.98p

1440 x 1080
59.94i/50i/29.97p/25p/23.98p

1280 x 720 59.94p/50p

Audio

2- or 4-channel (48 kHz, 16-bit)

SP Recording Mode
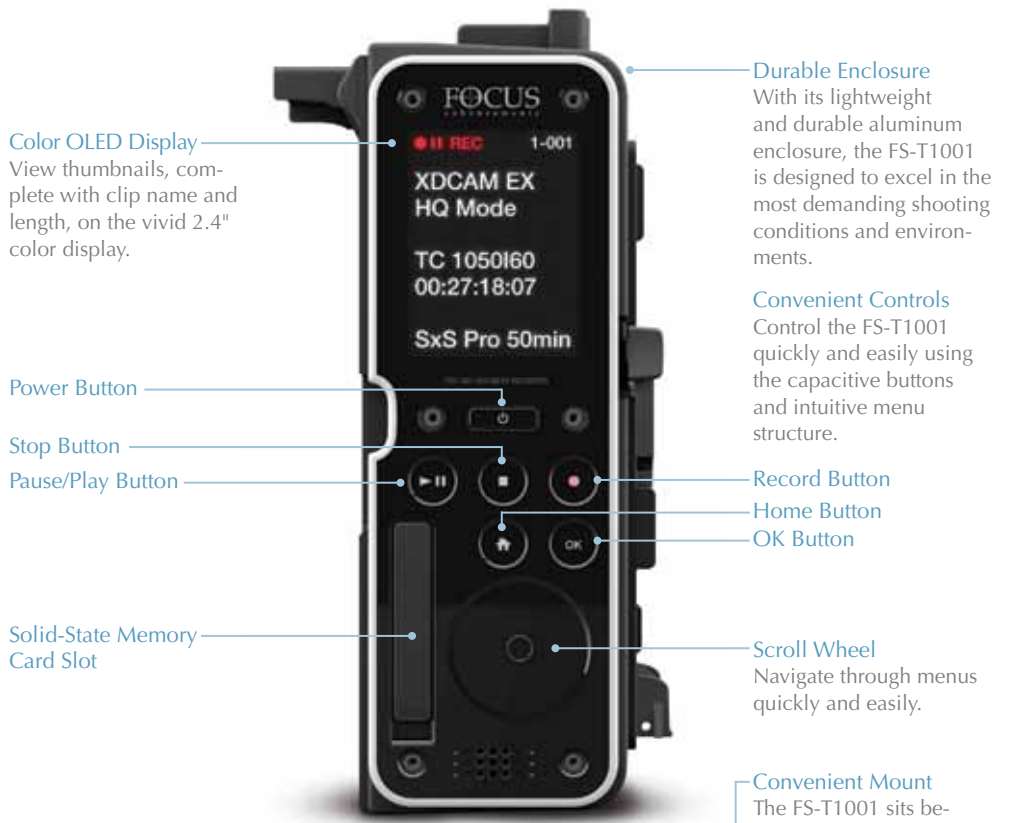
Video (25 Mbps)

1440 x 1080 59.94i/50i

Audio

2--channel (48 kHz, 16-bit)

Solid-State Memory Cards

The FS-T1001 includes a slot that accommodates a removable SxS Pro or SxS MEAD-SD solid-state memory card.

Recording Mode	16GB	32GB
HD422 (50 Mbps)	35 min.*	70 min.*
HQ (35 Mbps)	50 min.*	100 min.*
SP (25 Mbps)	70 min.*	140 min.*

* Estimated recording time

Engineered for Quality, Durability, and Ease of Use

Only 2.5 inches wide, 7.25 inches high, and 5.75 inches deep, the FS-T1001 packs a wealth of functionality into a small, lightweight footprint that mounts easily on Sony HDCAM, XDCAM HD422,* XDCAM HD cameras and other HD-SDI cameras that feature the BP-L (V mount) battery system. Crafted from the inside out to meet the reliability and quality standards that video professionals demand, the FS-T1001 delivers great results under even the most challenging shooting conditions.

* Support for XDCAM HD422 files is scheduled for summer 2011.

Durable Enclosure
With its lightweight and durable aluminum enclosure, the FS-T1001 is designed to excel in the most demanding shooting conditions and environments.

Color OLED Display
View thumbnails, complete with clip name and length, on the vivid 2.4" color display.

Convenient Controls
Control the FS-T1001 quickly and easily using the capacitive buttons and intuitive menu structure.

Power Button

Stop Button

Pause/Play Button

Record Button

Home Button

OK Button

Solid-State Memory Card Slot

Scroll Wheel
Navigate through menus quickly and easily.

Shown Here at 60% of Actual Size

Convenient Mount
The FS-T1001 sits between the camera and the battery system, adding only 2.5" to the length of the camera (with battery).

Redundant Recording Using Solid-State Media

With the FS-T1001, you can record XDCAM HD422* or XDCAM EX files—the industry standard for professional video production—using HDCAM, XDCAM HD422*, XDCAM HD and HD-SDI XDCAM EX-based devices, or other HD-SDI-based devices. Content is recorded on a removeable SxS Pro solid-state memory card or on media that is compatible with Sony MEAD-SD01 adapters. Mount the FS-T1001 to your Sony camera and for redundant recording with perfectly matched audio, video, and timecode.

NLE System Compatibility

Because it records video in XDCAM HD422 and XDCAM EX formats, the FS-T1001 is compatible with all non-linear editing systems that support Sony file formats.

Sony Camera	Focus FS-T1001	Advantages and Applications
PDW-F800 • XDCAM HD Recording Medium Optical Disc Recording Mode HD422*, HQ, SP Recording Use Archive	Recording Medium Solid-State Card Recording Modes HD422, HQ, SP Recording Use Online Editing Redundant Recording	Advantages Provides solid-state workflow for Sony XDCAM HD optical media-based cameras Redundant recording (optical disc/SxS) Applications News (ENG), TV Production, EFP, Reality TV
PMW-350 • XDCAM EX Recording Medium SxS Card Recording Mode HQ, SP Recording Use Offline Editing Archive	Recording Medium Solid-State Card Recording Modes HD422, HQ, SP Recording Use Online Editing Redundant Recording Pool-Feed Recording	Advantages Upgrades recording to HD422 at 50 Mbps Redundant recording (SxS/SxS) Applications Industrial, Corporate, PEG
HDW-650F • HDCAM Recording Medium Tape Recording Mode HDCAM Recording Use Online Editing	Recording Medium Solid-State Card Recording Modes HD422, HQ, SP Recording Use Dailes, Clips Offline Editing	Advantages Provides solid-state workflow for Sony HDCAM tape-based cameras Redundant recording (tape/SxS) Applications Film, Feature TV, News

* Support for XDCAM HD422 files is scheduled for summer 2011.

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-T1001
Display	2.4-inch (diagonal) color OLED display; 240- by 320-pixel resolution
Input	HD-SDI (1 x BNC); SMPTE 292M with embedded audio
Output	HD-SDI (1 x BNC); SMPTE 292M with embedded audio
Audio	XDCAM HD422: 4-channel (48kHz, 24-bit) linear PCM
	XDCAM EX: 2- or 4-channel (48kHz, 16-bit) linear PCM
	Note: 4-channel audio applies to HQ mode only
Video Codec	Long GOP MPEG-2 (4:2:0)
	HD422* Mode: MPEG-2 (4:2:2P@HL), CBR (50 Mbps)
	HQ Mode: MPEG-2 (MP@H-14), VBR (35 Mbps)
	SP Mode: MPEG-2 (MP@H-14), CBR (25 Mbps)
Timecode	HD-SDI embedded timecode (SMPTE RP 188)
Frame Rates	HD422[1] Modes:
	1920x1080 59.94i/50i; 1920x1080 29.97p/25p/23.98p[2]
	1280x720 59.94p/50p
	HQ Modes:
	1920 x 1080 59.94i/50i; 1920 x 1080 29.97p/25p/23.98p[2]
	1440 x 1080 59.94i/50i; 1440 x 1080 29.97p/25p/23.98p[2]
	1280 x 720 59.94p/50p
	SP Mode: 1440 x 1080 59.94i/50i
File Format	XDCAM HD422: MXF OP1a; XDCAM EX: MP4
Media	Slot: 1 x SxS with polymer dust cover
	Memory Cards: SxS Pro (Express 34) or SxS MEAD-SD
Media Format	FAT32
USB	2 x USB 2.0 Type A (host or device mode)
OS Compatibility	Windows XP, Vista, Windows 7; Mac OS X
Power Adapter	4-pin XLR
Power Requirement	11-18V DC; Power Consumption: <10W
Battery	14.4V Sony BP-L Mount
Dimensions	2.5" wide by 7.25" high by 5.75" deep (63.5mm x 184mm x 146mm)
Weight	2.67 lb. (1.21 kg)
Compliance	CE, C-Tick, FCC Class A, and VCCi
Warranty	1 year
Accessories Included	75-Ohm BNC cable, USB A-to-A cable
Optional Accessories	75-Ohm BNC cable, USB A-to-A cable

[1] Support for XDCAM HD422 files is scheduled for summer 2011.

[2] Not supported with PsF HD-SDI inputs

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