V-Station® HD

Field Multi-track Project DVR

a revolutionary concept
in project-based multi-cam acquisition

4 Tracks/Channels Full 1080p / 60fps HD (h.264)

Automatically Organizes & Manages Recordings As Projects

- **Simultaneously records up to 4 video sources with individual preview**
- **Simultaneously plays back previous recordings during acquisition**
- **More than 80 hours of full HD 1080p @ 60fps recording on 4 independent tracks**
- **2 x 1TB RAID drive for redundant recording**
- **Creates the project files before the first footage is shot**
- **User-definable project nomenclature & file names**
- **HDMI output for monitoring sources or video playback**
- **AutoProducer™ creates edit decision lists while recording event**
- **Slow-motion & Fast-motion playback from .1x to 4x speeds**
- **Log events during both record & playback**
- **Backup to local USB drive or LAN drive**
- **Security for locking & protection against project deletion or changes**
- **Accepts HDMI & HD-SDI video sources**

APPLICATIONS
● Multi-cam Projects ● Live Action Storyboarding & Pre-visualization ● Observation & Analysis ● Interviews & Lectures ● Teaching & Training
MARKETS
● Video/Film Production ● Medical/Surgical/Behavioral ● Legal ● Sports ● Education ● Military/Aerospace ● Law Enforcement ● Science ● Advertising

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FutureVideo ®

Re-inventing The Multi-cam Shoot

V-Station HD is unlike any other DVR system that you've used—or even contemplated. Instead of relegating content management functions to the post-production phase, FutureVideo puts it where it's most beneficial—at the *beginning* of the project.

Project Setup Panel

All of the relevant metadata is in place *before* the first frame is shot. Plus, it's automatically updated with each new scene, shot, and take of your production.

Simultaneous Multi-track Recording & Playback

Up to 4 HD video cameras with up to 8 audio tracks can be recorded and previewed simultaneously. Recording quality is equivalent to Blu-ray® Disc using h.264. The V-Station HD Field DVR also records while playing back previous recordings.

Record & Playback Control Panels

As clips are being recorded, logging of events can be marked with a description, available when reviewing the video during playback.

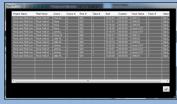## Automatic Clip Classification

Video clips from all 4 cameras are automatically classified by project, reel name, scene, shot, and take number when recording. You're also free to define folder and file nomenclature that best suits your application. V-Station HD's logical directory structure design enables you to work comfortably in your preferred manner.

Directory Hierarchy Structure

Automatic Play lists and Edit Lists Creation

The V-Station HD Field DVR creates play lists of your footage of each recording made and edit decision lists when using our exclusive AutoProducer feature as recordings are being made.

Play List Panel

Seamless Integration After The Shoot

Use your V-Station HD DVR to capture video in the field. Afterwards, the project files' metadata and content can be transferred to either a PC running the V-Station HD Studio Companion Software (optional) or a V-Station HD Studio System for rough-cut editing and delivery to a video server for distribution.

Specifications	
CONNECTIONS	
Video Inputs	4 x HDMI (back panel)
Audio Inputs	8 (2 audio inputs per HDMI video input, back panel)
Video Output	1 x HDMI (back panel)
Audio Output	2 (2 audio outputs per HDMI, back panel)
USB 2.0/USB 3.0	2 USB 2.0 (front panel), 4 USB 3.0 + 2 USB 2.0 (back panel)
LAN	1 RJ-45 Gigabit Network (back panel)
External SATA	2 x 6.0 Gb/s (back panel)
Control Monitor(s)	1 VGA + 1 x DVI/HDMI (back panel)
Video Monitor	1 x HDMI (back panel) or 4 x SDI (loop through)
Audio Line Output	1 (back panel)
CONFIGURATION	
Video Tracks	4 discrete non-multiplexed
Audio Tracks	8 (via HDMI input)
VIDEO PROCESSING	
Video Compression	H.264 / AVC High Profile Level 4.2
SDI Profile	3G-SDI, conforming to SMPTE 424M
Input Resolution / Frame Rate	1920 x 1080 x 60p / 59.94p / 50p 1920 x 1080 x 60i / 59.94i / 50i 1280 x 720 x 60p / 59.94p / 50p 720 x 480 x 60i / 59.94i 720 x 576 x 50i
Record Resolution / Frame Rate / Bit Rate	1920 x 1080 x 60p / 59.94p / 50p, video encoding bit rate 6-30 Mbps 1920 x 1080 x 60i / 59.94i / 50i, video encoding bit rate 6-24 Mbps 1280 x 720 x 60p / 59.94p / 50p, video encoding bit rate 4-24 Mbps 720 x 480 x 60i / 59.94i, video encoding bit rate 2-10 Mbps 720 x 576 x 50i, encoding video bit rate 2-10 Mbps
AUDIO PROCESSING	
Audio Compression	MPEG-1 Audio Layer 2
Bit Rate	Adjustable 64k to 512k
GENERAL	
Operating System	Windows 7 Professional 64 bit
System Drive	64GB SSD
CPU	Intel Core I5 Quad Core
System Memory	8GB (high speed)
Data Storage	2 x 2.5" 1TB Swappable Hard Disc Drives
Graphics System	Intel HD Graphics 4000
Compliance	HDCP
Mains Power	115 – 120 VAC 60 Hz
Dimensions	5.5 w x 12.7 d x 10.8 h / 15cm x 32 cm x 27.4 cm
Weight	29 lbs / 13.2 kg (Including carrying case)
Supplied Accessories	7" LCD Color Touch-screen USB Control Panel, Control Panel Stylus, Keyboard, Ethernet Cable, Field Carrying Case
Options	Professional Jog/Shuttle Controller (FV0201) Extended-length Professional HDMI Cables (FV0310, FV0311) 1 in x 2 out HDMI Splitter/Repeater (FV0301) HD-SDI to HDMI Converter Kit (FV0303) Dual 500GB Swappable SS Drives (FV0419)
Warranty	1 year limited warranty on parts & labor
Item Number	FVS401