

V-Station® HD V-Station® HD

V-Station® HD V-Station® HD

V-Station® HD V-Station® HD

V-Station® HD V-Station® HD

V-Station® HD

Studio Multi-track Project DVR System

V-Station® HD V-Station® HD

V-Station® HD V-Station® HD

V-Station® HD V-Station® HD

V-Station® HD V-Station® HD

- a revolutionary concept in multi-cam recording
- an integrated workflow solution for creative & analytical uses

V-Station® HD

Studio Multi-track Project DVR System



A 4-track 1080p / 60 fps HD Video Recording System

*record ➡ manage ➡ edit ➡ deliver
multi-cam videos with ease*

- ✓ **Comprehensive Project Management**
Project-based asset management of recordings and backup
- ✓ **Clip Browsing & Event Annotation**
Browsing by project, reel, or scene—and mark important video images
- ✓ **Synchronized Playback With Multi-cam Editing**
Production cuts—moments after the shoot—without complex timelines
- ✓ **Direct & Easy Upload**
Output to FTP, YouTube, & other social media sites

- Simultaneously records up to 4 video sources with individual preview
- Simultaneous play back of previously-recorded video during recording
- Creates the project files before the first footage is shot
- More than 160 hours of full HD 1080p @ 60fps recording on 4 independent tracks
- Slow-motion & Fast-motion playback from .1x to 4x speeds
- Swappable drive for quick & easy transfer to post-production system
- Optional RAID drive for redundant recording
- Security for locking & protection against project deletion or changes
- Backup to local USB 2.0/3.0 drive, network drive, or cloud
- 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

V-Station® HD

Studio Multi-track Project DVR System

Re-inventing The Digital Video Recorder

V-Station HD is unlike any other video recording system you've used—or even contemplated. First, it's like having four separate professional DVRs in one unit. Second, unlike traditional DVR recording, instead of relegating content management functions to the post-production phase, V-Station HD puts it where it's most beneficial—at the *beginning* of acquisition and stores it with the video as it's being shot. All of the relevant metadata is in place before the first footage is shot. Plus, it's automatically updated with each new scene, shot, and take of the production.



Project Setup Panel

Simultaneous Multi-track Recording & Playback

Up to 4 video camera feeds or video sources can be recorded simultaneously with 2 audio tracks per source. Recording quality is equivalent to Blu-ray® Disc. V-Station HD also provides a preview of all 4 sources on one screen, plus simultaneous playback of pre-recorded video.



Main Control Panel

Intelligent Project Organization

V-Station HD organizes and manages your clips—making it dramatically easier to find the desired content for playback and visual analysis. You can easily switch between your various projects—without losing continuity. And, V-Station HD is able to accommodate *many* projects. More than 160 hours of full HD 1080p at 60fps recorded from up to 4 cameras can be accommodated with its 2TB hot-swappable hard disk drive.

Automatic Clip Classification

Video clips from all 4 cameras are automatically classified by project, reel name, scene, shot, and take number when recording. Clip names can be both numeric and alpha-numeric, so you can easily identify the video files when accessing them. V-Station HD's logical directory structure design enables you to work in your preferred manner and style. You're also free to define folder and file nomenclature that best suits your application.



Directory Hierarchy Structure

AutoProducer™ Tracks Live Switching Decisions

During a multiple camera shoot, real-time cuts can be performed between cameras. V-Station HD Studio's exclusive AutoProducer™ feature will automatically generate an Edit Decision List (EDL) so that—with a click of a button—you can immediately produce a rough-cut edited video reel from your recording session. You can also trim and fine-tune the EDL. The process can be repeated to make as many different versions as desired of a given project.

Fast Clip Search & Review

V-Station HD Studio provides a quick and easy way to find the clip recordings made via the Clip Browser Library manager. Filter by project, reel, and scene to find only what you need. Multiple clips may be selected from the Clip Browser panel to allow for individual or simultaneous synchronized playback when the Multi-View® module is in use.



Clip Browser Panel

Multi-View For Synchronized Playback & Cuts Editing

V-Station HD Studio's Multi-View module provides synchronized playback thanks to its proprietary TruSync™ feature. Up to 8 clips at one time can be synchronized by either time or event from any V-Station HD project. The powerful AutoProducer™ feature makes cuts editing quick and easy—without the timelines of complex NLE systems. (It's like doing production cuts during a live event.) Creation of a rough-cut edit for project visualization and assessment is a snap. In addition, a log of position markers can be added for each clip with annotation during recording or during review for instant location of any individual frame.



Multi-View Panel

Workflow Benefits Of V-Station HD

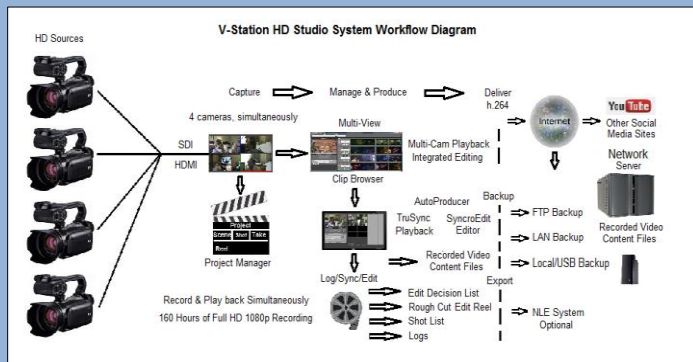
Your V-Station HD Studio system will generate comprehensive shot lists and EDLs. The shot list is a Microsoft® Excel® compatible file containing all of your production metadata—including each clip's camera information, project recording settings (reels/scenes/shots, etc.), and date/time—for either review of project metadata and content or importing the content and metadata into an NLE system.

Multiple Outcomes To Match Your Needs

Your video projects may be retained in a V-Station HD environment for several possible outcomes. These include content analysis, processing into a rough-cut for project visualization, output to a NLE system for a fine-cut, or uploading to FTP sites, YouTube and other social media destinations.

V-Station® HD

Studio Multi-track Project DVR System



Options To Enhance Your V-Station HD System

FutureVideo offers an array of options to make your V-Station HD system reflect your application and preferred work style, including:

- Professional Jog/Shuttle Controller

FutureVideo's V-Station HD Jog/Shuttle Controller provides comfortable tactile control for review and playback of your content.



V-Station HD Jog/Shuttle Controller

- HD-SDI to HDMI Convert Kit (4)

Enables HD-SDI cameras or video sources to be used with V-Station HD.

- Extended-length Professional HDMI Cables

Increases distance from sources to V-Station HD. 25' & 50' lengths.

- HDMI Signal Repeater with Splitter

2 port (1 in x 2 out) powered splitter ensures 1080p signal integrity in longer HDMI cable lengths.

- Dual HDD Configuration

Instead of the single 2TB 3.5" drive, a pair of 1TB 2.5" swappable hard disk drives can be specified for redundancy or content backup.

- 4TB Swappable Hard Disk Drive

Replaces standard 2TB hard disk drive.

PC Tools To Enhance Workflow & Asset Management

- V-Station HD Studio Companion Software—Enterprise Edition

Complete Project Management system (import/export, backup, & sharing, security) of the content and metadata recorded on either V-Station HD Studio or V-Station HD Field. Also includes Clip Browser/Player, Multi-View Player with logging & editing tools. (Licenses for 4 computer installations.)

Specifications

CONNECTIONS

Video Inputs	4 x HDMI (back panel) or 4 x SDI (back panel)
Audio Inputs	8 (2 audio inputs per HDMI or SDI video input, back panel)
Video Output	1 x HDMI (back panel)
Audio Output	2 (2 audio outputs per HDMI or SDI video output, 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 or SDI input)

VIDEO PROCESSING

Video Compression	H.264 / AVC High Profile Level 4.2 (hardware encoded)
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 i7 Quad Core
System Memory	16GB (high speed)
Data Storage	1 x 3.5" 2TB Swappable Hard Disc Drive
Graphics System	Intel HD Graphics 4000
Compliance	HDCP
Mains Power	115 – 120 VAC 60 Hz
Dimensions	19" w x 16" d x 3.5" h / 48.26 cm w x 40.64 cm d x 8.89 cm h
Weight	35 lbs / 15.8 kg (shipping)
Supplied Accessories	Keyboard, Mouse, Ethernet Cable, key for front panel security lock.

Options	Professional Jog/Shuttle Controller (FV0201) 2 x 2.5" 1TB Hot Swap HDD (maximum record time 80 hours) (FV0410) 1 x 4TB Hard Disk Drive (FV0418) Extended-length Professional HDMI Cables (FV0310, FV0311) 1 in x 2 out HDMI Splitter/Repeater (FV0301) HD-SDI to HDMI Converter Kit (FV0303)
Warranty	1 year limited warranty on parts & labor
Item Number	FVS400

Available from

Also see www.VStationHD.com

FutureVideo Products, Inc.
28202 Cabot Road, Suite 300
Laguna Niguel, CA 92677 USA

Tel: 949.363.1286 • Fax: 866.261.1686 • www.futurevideo.com