

New 4K Models Available

FutureVideo®

V-Station® HD

Studio

Multi-Channel H.264 FHD & 4K Video Capture/Streaming Packages
With Project Media Management Software



Record ➔ Manage ➔ Edit ➔ Deliver
Up To 8-cam Video Projects
From A Compatible Host PC

Why V-Station HD

V-Station HD video capture packages make it easy for Systems Integrators to custom configure multicam video capture/streaming solutions for clients in business, government, and academia. Whether the application is for observation, communication, or live event production, V-Station HD is the smart solution. Choose up to 8 video channels and the type of video signal inputs (FHD/UHD/4K) needed. V-Station HD's Project Media Management (PMM) software allows easy definition of the nomenclature and database structure required for the application.

More Efficient Operation Using Project-based Workflow

FutureVideo's "project-based" workflow concept makes creating and managing video projects easier and more efficient than using traditional (i.e., "file-based") production workflow methods. The PMM software manages the project's structure and metadata from start-to-finish. The clip acquisition, playlists, event notes, snapshots, and audio recordings are meticulously organized. Its SQL Database Management System (DBMS) enables the user to focus on the higher-level project elements—with names and labels that have been configured for their project.

User-created project for a medical/surgical application

Modular Software Enhancements

V-Station HD is exceptionally flexible in the applications and workflow styles it supports. Systems Integrators are free to select the capabilities that best match client needs. All Studio Capture Packages include the V-Station HD PMM software. Optional software plug-ins for enhanced capabilities are available:

- AutoProducer® Live Production Module**
 Switch live between video channels or Picture Store images and send the program output via live stream for remote viewing—while simultaneously creating a line-cut recording and EDL for post-production. Stream program output to third-party CDNs, YouTube, and Facebook.
- Multi-Stream™ Live Multi-channel Streaming Module**
 Each channel may be streamed live, simultaneously, to any local or internet site as a point-to-point RTSP or RTMP stream.
- Multi-View® Post Observation & Analysis Module**
 Review all camera angles simultaneously. Re-edit, make sub-clips, add audio, make new programs, and render in different formats.
- Insta-View™ Live Instant Video Replay & Review Module**
 During Recording, playback all or single live recording instantly, with Picture-in-Picture feature.

Event Log

While recording or playing back, you can mark event times with annotations as needed for each or all clips.

Integrated Clip Library Browser

Easily locate recorded clips with the V-Station HD's clip library and filter it by your own categories.

Playback & Review Of Your Footage

Even while recording, you can play back previous clips using the built-in media player. Pull up the playlist by project and review footage. Step frame by frame, or play in slow motion.



V-Station HD Media Player

Synchronized H.264 Recording Up To 4K

FCC/CE compliant PCIe video capture card(s) provide up to 8 channels (with optional upgrades) of 1080p (FHD) simultaneous recording—up to 40 mb/s. With optional 4K upgrade, 2-4 channels of 2160p30 (4K/UHD) simultaneous recording are possible (see note). Multiple input resolutions and frame rates are automatically detected. Possible input configurations:

- 4 x or 8 x 3G-SDI
- 4 x or 8 x HDMI 1080p
- 4 x 3G/HD-SDI + 4 x HDMI 1080p
- 4 x 6G-SDI, or 4 x HDMI 4K 30fps + 4 or 8 x 3G-SDI or HDMI 1080p (total 8 maximum simultaneous recording channels)

Note: Depending on the host PC's GPU performance, the possible number of 4K 30fps simultaneous recording(s) may vary.

Analog audio inputs can be embedded into any video channel via the PC's sound card and will be synchronized to the video.

FEATURES & CAPABILITIES	
Simultaneous 4 or 8 channels of synchronous H.264 FHD recording	Yes (8 with FVC746/FVC747)
Provides up to 4 channels of H.264 4K 30fps synchronous recording	Yes with FVC748 or FVC750
Live switching with multiple transition effects	Yes with FVM710
Preview all live channels on same screen or on 2 nd monitor	Yes
Built-in B-roll media player	Yes with FVM710
Separate Program out recording with edit decision list creation	Yes with FVM710
Integrated SQL media asset management	Yes
Picture Store for user created images, titles, graphics	Yes with FVM710
Embed analog audio from external sources and syncs to input video	Yes
Multi-Source Stream up to 8 channels simultaneously	Yes with FVM711
Live Program out streaming to YouTube, Facebook, and CDNs	Yes with FVM710
Playlist for each project, Logs for each clip	Yes
Integrated Clip Library Browser & Media Player for reviewing clips	Yes
Seamless XML project transfer to professional NLE systems	Yes with FVM710
FTP direct project uploader	Yes
MINIMUM PC REQUIREMENTS	
Windows-based desktop PC running Windows 10 Pro, build version 1906 or later.	
<ul style="list-style-type: none"> • Motherboard: Chipset H270 or Z270, H370 or Z370, H470 or Z470, Z590. • Slots: 4 channels: 1 x PCIe4x (express) v3.0; 8-channels with optional FHD upgrade, 2 x PCIe4x, 8 channels including optional 4K upgrade, 2 x PCIe4x + 1 PCIe16 for graphics card. Gigabyte motherboard recommended. • CPU: Intel i7-7700 @ 3.2Ghz or faster, GPU: Intel HD Graphics 620 or higher or Nvidia Quadro RTX 4000 (if 4-channel 4K upgrade). • RAM: 16GB 2666Mhz dual channel (prefer XMP compatible) or faster. • System & Data Storage: 1 x 250GB SSD system drive, plus 1 x 1TB HDD (if 4 channels) or 1 x 1TB SSD (if 8 channels). • Optional Recommended Setup: 2 x storage drives in RAID1 configuration in a removable bay rack holding 2 x or 4 x 2.5" drives. • Monitors: 1 x Control and 1 x Program 1920x1080 or higher. 	
ORDERING INFORMATION	
Capture Packages	FVC701 V-Station HD Studio (HDMI) FVC702 V-Station HD Studio (SDI-BNC)
FHD Channel Enhancements	FVC746 Upgrade To 4 Additional HDMI Input Channels FVC747 Upgrade To 4 Additional 3G-SDI Input Channels
4K/UHD Channel Enhancements	FVC748 Upgrade To 4 x 4K @30fps HDMI Input Channels FVC750 Upgrade To 4 x 4K @30fps 6G-SDI-BNC Input Channels
Software Enhancements	FVM710 AutoProducer Live Production Plug-in FVM711 Multi-Stream Live Multi-channel Encoding & Streaming Plug-in FVM712 Multi-View Post Observation & Analysis Plug-in FVM713 Insta-View Live Instant Video Replay & Review Plug-in
Offline PC Software	FV0423 PostTools

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FutureVideo Products, Inc.

28202 Cabot Road, Suite 300 • Laguna Niguel, CA 92688 USA

Tel: (+1) 949.363.1286 • Fax: (+1) 866.261.1686 • www.FutureVideo.tv