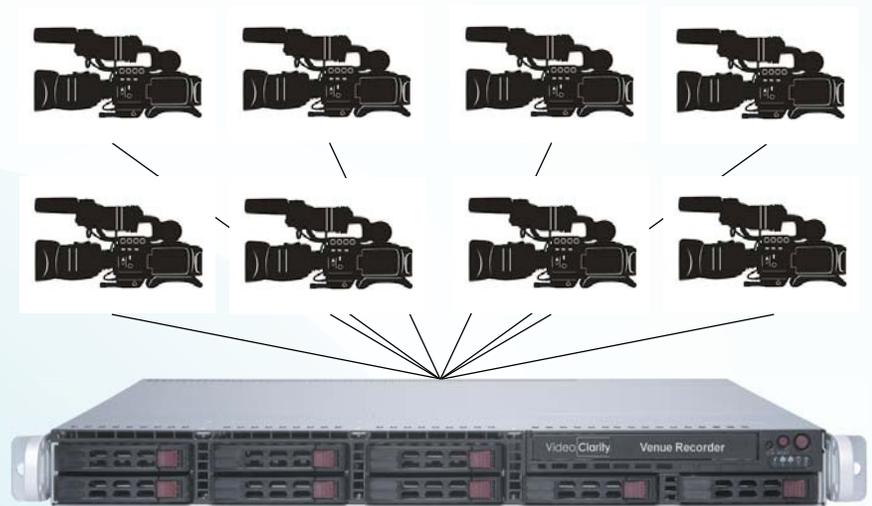


Venue Recorder for Multiple Simultaneous Uncompressed UHD, HD or SD Video Recording

The Venue Recorder system is a compact, reliable, multiple input video recorder designed to support up to eight full HD or SD inputs, or two UHD Quad inputs all with up to sixteen channels of embedded audio. Several storage options allow for hours of uncompressed recording of YCbCr or RGB, 8, 10, or 12 bit video in a single rack unit package. The Venue Recorder system is unmatched in number of inputs, small size and storage capacity.

Additionally, the included front drive system allows the removal of a drive or several at a time for archive purposes while continuing to record with other channels.



The Venue Recorder Manager is the system's main control application which is browser based for setting and applying content recordings. One or more channels of input can be instructed to start recording based on system clock time and also locked together so that start and stop commands are taken for set groups of input channels. The interface includes a status page showing each incoming program's running status, the system Library folder location, sequence name, format information, and running status. All control functions may also be applied from the included command-line interface over IP network.

Venue Recorder Manager Status Page

The screenshot shows the 'VenueRecorder Manager - Recorder Status' web interface. It features a navigation menu with links for 'Previews', 'Recorder Control', 'Unit Status', and 'Admin'. Below the navigation is a table with the following data:

Unit	Recorder	Status	Library	Sequence	Video Format	Image Format	Current Frame
Unit 1	1	Running	D:/CH1	Basketball	1080p 59.94a Hz.	YCbCr 10 bpc 709	1410
Unit 1	2	Running	E:/CH2	TalkShow	1080i 59.94 Hz.	YCbCr 10 bpc 709	10703
Unit 1	3	Running	F:/CH3	Jeopardy	720p 59.94 Hz.	YCbCr 10 bpc 709	3907
Unit 1	4	Running	G:/CH4	Baseball	1080p 59.94a Hz.	YCbCr 10 bpc 709	441
Unit 1	5	Running	H:/CH5	Outlander	1080i 59.94 Hz.	YCbCr 10 bpc 709	1653
Unit 1	6	Running	I:/CH6	SpiderMan	1080i 59.94 Hz.	YCbCr 10 bpc 709	50624
Unit 1	7	Running	J:/CH7	Soccer	1080p 59.94a Hz.	YCbCr 10 bpc 709	11298
Unit 1	8	Running	K:/CH8	TodayShow	1080i 59.94 Hz.	YCbCr 8 bpc 709	574

Venue Recorder Key Features

- Record eight simultaneous 3G HDSDI video inputs
- Recordings are uncompressed YCbCr 8 or 10 bit
- Dual link RGB formats are also supported
- Sixteen channels of embedded audio per video
- Audio is uncompressed PCM or Dolby Digital Plus
- Two gigabit NICs for control/status redundancy
- UHD, HD, or SD format recording function is via Venue Recorder Manager control application
- Recordings are addressable for playback via the included Venue Player Manager
- A comprehensive command-line interface allows remote control and operation via IP network

Storage & Content Management Features

- Individually removable SSDs are included
- One disk per HD channel, four per UHD channel
- Configurations hold eight 1 TB, 2 TB or 4 TB SSDs
- Removed SSD content is playable on the desktop of external PC via supplied ClearView Player app
- Files are also exportable as .mov or raw YUV
- Removed and archived disc drives may be user replaced with Video Clarity recommended SSDs
- Recorded files may also be archived to attached network using standard computer backup methods
- All SSDs are locked in unison to support either the record or playback function while in operation

Venue Recorder Manager Preview Page



Venue Recorder - with eight simultaneous 3G HDSDI record or play function



Models:
CVRP-1084-4, CVRP-1084-8,
CVRP-1084-16
Includes:
Venue Recorder Manager, CV Player,
Venue Player+Manager, CLI interface,
SMB/BNC cables (10), user guide,
1RU rack rails
Option: CV-Importer

Storage: 4.0, 8.0, or 16.0 TB
Video Input/Output: Eight SMB/BNC
SMPTE 259,292,296,424,425, 4K Quad & 2SI
Eight 3G HDSDI input or output examples:
- 8 Up to 1920x1080p 60Hz YCbCr, 4:2:2 10 bit
- 4 Up to 1920x1080p 60Hz RGB 4:4:4 10 bit
- 2 Up to 4096x2160p 60Hz YCbCr 4:2:2 10 bit
- 1 Up to 4096x2160p 60Hz RGB 4:4:4 10 bit
Ref In: SMB/BNC black burst or tri-level sync

Power: 100 - 240VAC, 47-63Hz,
Autodetect, 300 watts max.
Audio Input/Output:
24 bit, 48 KHz PCM, or DD+
- 16 ch. embedded audio per SMB/BNC
Timecode: SMPTE-12M on HDSDI, LTC
analog time code input on SMB/BNC
VANC: All lines record or playback for
each HDSDI interface simultaneously

IP Network & USB Interfaces:
2 1000baseT on RJ45, 2 USB 3.0, 2 USB 2.0
Dimensions: 17.2" W x 1.7" H x 20.5" D
42.6 cm x 4.2 cm x 52.1 cm
Weight: 18 lbs, 8.2 Kg
Temperature: Operating 0 - +40 celsius
Storage -20 - +50 celsius
Rel. Humidity: 5 - 95%, noncondensing
GUI Display Output: VGA

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