

Cisco Video Surveillance Services Platform with SCSI

Product Overview

The Cisco® Video Surveillance Services Platform with SCSI offers organizations an economical choice for network digital video recording and playback in deployments that require storage of large amounts of video data. The Small Computer System Interface (SCSI) is a set of standards for connecting devices and transferring data. The Cisco Video Surveillance Services Platform with SCSI provides a SCSI connection to external storage arrays, allowing you to store video data and to view recorded video streams any time, anywhere, from any device.

Using Cisco Video Surveillance Stream Manager Software and providing high-quality MPEG-4 encoding, the Services Platform with SCSI offers a wide array of features in a single component that is easy to use and deploy. It provides a cost-effective, scalable, and flexible way to replace traditional analog or digital video recorders in a variety of video surveillance deployments. Figure 1 shows the Cisco Video Surveillance Services Platform with SCSI.

Figure 1. Cisco Video Surveillance Services Platform with SCSI



Applications

The Cisco Video Surveillance Services Platform with SCSI offers a practical solution with flexible deployment options and configuration capabilities. This small but powerful device enables storage of large amounts of high-quality video data on a wide range of industry-standard SCSI storage devices. It is ideal for organizations such as gaming, enterprise, and retail that have the following storage requirements:

- Large amounts of high-quality video images
- Large amounts of video data in third-party data center disk arrays

Features

Primary features and benefits of the Cisco Video Surveillance Services Platform with SCSI include:

- SCSI port (160 MBps) for output of video streams to external storage arrays
- Integrates with operating system and Cisco Video Surveillance Stream Manager Software hosted on a connected SCSI device
- 19-in. rack mountable
- Small (1-RU) form factor
- Inputs from remote networked Cisco Video Surveillance IP Gateway Encoders

- Inputs from supported IP cameras
- MPEG-4 encoding
- Simultaneous video recording and playback
- Multiple simultaneous playback sessions
- Video export capability
- Time, date, and event searches

Product Architecture

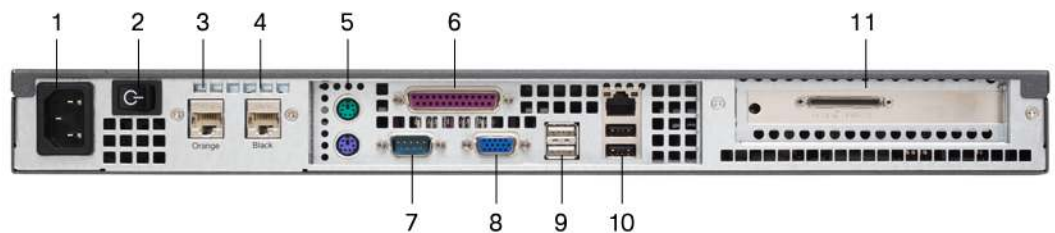
The Cisco Video Surveillance Services Platform with SCSI is designed for video surveillance deployments that implement standards-based external storage arrays with SCSI connections. Figure 2 shows an example of this device in such a deployment.

Figure 2. Cisco Video Surveillance Services Platform with SCSI in a Video Surveillance Deployment



Figure 3 shows the rear panel of the Cisco Video Surveillance Services Platform with SCSI.

Figure 3. Cisco Video Surveillance Services Platform with SCSI (Rear Panel)



1. Power input
2. Power switch
3. Orange port for matrix switch support
4. Black port for video keyboard support
5. Mouse and computer keyboard connectors
6. Parallel port for connecting a printer
7. Serial port for Timemaster and failover support
8. VGA port for connecting a video monitor
9. USB ports (2) for Video Convergence Chassis support
10. USB ports (2) for Video Convergence Chassis support and Ethernet port
11. SCSI port for mass storage device support

Product Specifications

Table 1 provides video performance specifications for the Cisco Video Surveillance Services Platform with SCSI.

Table 1. Video Performance

Feature	Description		
Input	IP (64 kbps, 8 Mbps per channel)		
Output	IP (64 kbps, 8 Mbps per channel)		
Compression	<ul style="list-style-type: none"> • MPEG-4 • ISO/IEC 14496-2-1999 (Simple Profile) 		
Resolution		NTSC	PAL
	D1	720 x 480	720 x 572
	4CIF	704 x 480	704 x 572
	2CIF	704 x 240	704 x 288
	CIF	352 x 240	352 x 288
Frame Rate	Up to 30 fps (NTSC), up to 25 fps (PAL)		

Table 2. Mechanical and Environmental Specifications

Feature	Description
Rack Unit (RU)	1 RU
Video Storage	External
Operating System and Application	Stored on external SCSI device
Connectivity	<ul style="list-style-type: none"> • SCSI port (160 MBps per channel, full-duplex) • Ethernet port, 10/100BASE-T for network connectivity • Three serial ports (2 RJ-45 ports for video keyboards, 1 DB9 port) • Four USB ports for Video Convergence Chassis
Dimensions (H x W x D)	<ul style="list-style-type: none"> • 1.25 x 22.5 x 17.0 in. • 4.4 x 57.2 x 43.2 cm
Weight	<ul style="list-style-type: none"> • 20 lbs • 9.1 kg
Power Supply	115/230 VAC, auto-switching (appropriate cable provided)
Power Consumption	300W
Heat Dissipated	1357 BTU
Indicator	Network activity
Operating Temperature	<ul style="list-style-type: none"> • 32–104°F • 0–40°C

Ordering Information

Table 3 provides ordering information for the Cisco Video Surveillance Services Platform with SCSI. To place an order, visit the Cisco Ordering Home Page.

Table 3. Ordering Information

Product	Part Number
Cisco Video Surveillance Services Platform with SCSI for external storage	CIVS-SP1R-SCSI
Cisco Video Surveillance SCSI Cable, 1 Meter	CAB-SCSI-1M=
Cisco Video Surveillance SCSI Cable, 2 Meters	CAB-SCSI-2M=

