

## 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

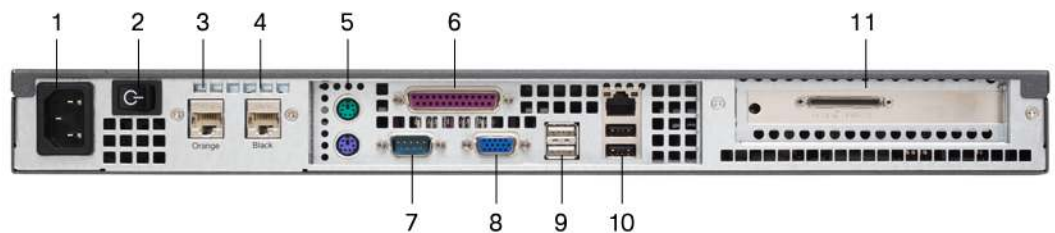
The Cisco Video Surveillance Services Platform with SCSI is designed for video surveillance deployments that implement standards-based external storage arrays with SCSI connections. Figure 2 shows an example of this device in such a deployment.

**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		
<b>Input</b>	IP (64 kbps, 8 Mbps per channel)		
<b>Output</b>	IP (64 kbps, 8 Mbps per channel)		
<b>Compression</b>	<ul style="list-style-type: none"> <li>• MPEG-4</li> <li>• ISO/IEC 14496-2-1999 (Simple Profile)</li> </ul>		
<b>Resolution</b>		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
<b>Frame Rate</b>	Up to 30 fps (NTSC), up to 25 fps (PAL)		

**Table 2.** Mechanical and Environmental Specifications

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

## 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=

### Service and Support

Using the Cisco Lifecycle Services approach, Cisco and its partners provide a broad portfolio of end-to-end services and support that can help increase the network’s business value and return on investment. This approach defines the minimum set of activities needed, by technology and by network complexity, to help successfully deploy and operate Cisco technologies and optimize their performance throughout the lifecycle of the network.

### For More Information

For more information about the Cisco Video Surveillance Services Platform with SCSi, visit [http://www.cisco.com/en/US/products/ps6939/tsd\\_products\\_support\\_series\\_home.html](http://www.cisco.com/en/US/products/ps6939/tsd_products_support_series_home.html), contact your local account representative, or send e-mail to [pss\\_physec@cisco.com](mailto:pss_physec@cisco.com).



**Americas Headquarters**  
 Cisco Systems, Inc.  
 170 West Tasman Drive  
 San Jose, CA 95134-1706  
 USA  
[www.cisco.com](http://www.cisco.com)  
 Tel: 408 520-4000  
 800 653-1715 (toll-free)  
 Fax: 408 527-0689

**Asia Pacific Headquarters**  
 Cisco Systems, Inc.  
 165 Robinson Road  
 #28-01 Capital Tower  
 Singapore 068912  
[www.cisco.com](http://www.cisco.com)  
 Tel: +65 6317 7777  
 Fax: +65 6317 7798

**Europe Headquarters**  
 Cisco Systems International BV  
 Herengracht 13-19  
 1017 CH Amsterdam  
 The Netherlands  
[www.europe.cisco.com](http://www.europe.cisco.com)  
 Tel: +31 20 600 020 0/91  
 Fax: +31 20 657 1100

Cisco has more than 200 offices worldwide. Addresses, phone numbers, and fax numbers are listed on the Cisco Website at [www.cisco.com/go/offices](http://www.cisco.com/go/offices).

©2007 Cisco Systems, Inc. All rights reserved. CCVP, the Cisco logo, and the Cisco Square Range logo are trademarks of Cisco Systems, Inc.; Changing the Way We Work, Live, Play, and Learn is a service mark of Cisco Systems, Inc.; and Access, Register, Abonnet, EPK, Catalyst, CSDA, CCIP, CCIE, CCIP, CCNA, CCNP, CCSP, Cisco, the Cisco Certified Internetwork Expert logo, Cisco IOS, Cisco Press, Cisco Systems, Cisco Systems Capital, the Cisco Systems logo, Cisco Unity, Diagnose/Solver, EtherChannel, EtherFast, EtherSwitch, Fax Step, Follow Me Browsing, FormShare, GigaDrive, GigaStack, HomeLink, Internet Quotient, IQ3, IPHome, IPTV, IQ Director, the IQ logo, IQ Notepad, IQ Scorecard, IQ Quick Study, IQ Stream, Linksys, MeetingPlace, MGX, Networking Academy, Network Registrar, Packet, PIX, ProConnect, RaptorLIX, ScriptShare, SlideCast, SMARTnet, StackWise, The Router, Way to Increase Your Internet Quotient, and Thousand are registered trademarks of Cisco Systems, Inc. and/or its affiliates in the United States and certain other countries.

All other trademarks mentioned in this document or Website are the property of their respective owners. The use of the word partner does not imply a partnership relationship between Cisco and any other company. (07018)