

Refurbished CISCO CPS-SS-4RU Datasheet

CISCO > PHYSICAL-SECURITY

Cisco Video Surveillance Storage Series Platform Features

Item	Specification
Industry-Leading Storage Density	The 60-Bay Chassis and 60-Bay Expansion Chassis provide up to 60 drives in just 4 units of rack space, or 15 drives per rack unit.
High Availability	All active components are redundant and hot-swappable, including power supplies, fans, disks, and controllers.
Battery-Backed and Flash-Protected Cache	Cache memory is protected via a battery built into the storage system. The battery has sufficient power to push all data from cache DDR3 RAM into flash memory, where it will be preserved indefinitely. Cache data is synchronously mirrored between controllers to protect uncommitted writes in the event of controller failure.
Anti-Vibration Design	State-of-the-art vibration dampening maximizes reliability and performance.
Cool Drive Technology	Push/pull fans, modules, and specially designed air channels optimize drive cooling and reliability.
Dual Active/Active Storage Controllers	Dual controllers provide additional horsepower and add additional I/O ports. All LUNs may be made visible on any or all connections.
Two RAID Engines per Controller	Two RAID engines reside on each controller to accelerate RAID operations, resulting in improved sequential and random I/O performance.
Host Data Path Services	Utilize multiple paths from a server to a LUN for increased bandwidth, as well as ensuring there is no single point of failure between the servers and their storage.
RAID Hardware Management	Sets RAID levels and manages the caches in single or dual active/active controller configurations.
Disk Provisioning	Place hard drives into RAID sets; determine the RAID type; establish hot spares and the RAID set auto-rebuild policies; and expose RAID sets as one or more LUNs.
LUN Masking and Binding	Ensures that only the hosts that are supposed to have access to a virtual disk get it. Hosts must authenticate before being granted access.
AutoMAID Power Management	Each RAID set can have its drives progressed into deeper levels of sleep when they have not been accessed for a specified period of time, saving power. There are four levels of power management to balance power savings and responsiveness to first I/O request for varying applications. No changes need to be made to applications to take advantage of this capability.

Cisco Video Surveillance Storage Series Platform Management Features

Item	Specification
Single Management Console	Remotely manage one or many systems. Cisco storage systems find each other and appear in the management console, which displays their health using red/yellow/green indicators. Easily move between systems to administer them.
Embedded Web-Based Management	A web server residing in the storage system presents the management GUI in the web browser. Administer storage systems remotely. There is no need to install management software on a client computer and keep it updated.
QuickStart Wizard	Get the storage system up and running in 10 minutes or less.
Alerts	Alerts are sent via SNMP or email and are logged in the storage system as well as transmitted to the web-browser-based management console.
Automatic RAID Set Maintenance	In the event of a drive failure, spare drives are automatically added to a RAID set and a RAID set rebuild is run-without requiring any manual intervention.
Active Drawer Technology	Active drawers hold the drives to enable easy, hot-swappable management of extreme density without heavy lifting or having to power down.
Easily Deployable System	Includes active drawers, mounting kit, and management software.

Cisco Video Surveillance Storage Series Platform Specifications

Storage Density	60 drives in 4 RU
Expand with Cisco CPS-SS-4RU-EX Expansion Chassis	Yes
Number of Active Drawers	3
Redundant Power Supplies Included	Yes (2)
Maximum Number of Active/Active Controllers	2
Battery-Backed Cache per Controller	4GB
Dedicated RAID6 Hardware	Yes
Two RAID Engines per Controller	Yes
6 GB SASx4 (24 GB) Ports for Interchassis Connectivity	4
8 GB Fibre Channel Ports per Controller	2
10/100 GB Ethernet Management Ports per Controller	1
SATA 7200 RPM Drives	Yes
Maximum LUN Size	72 TB
LUNs per RAID Disk Set	254
Volumes and LUNs	254
RAID Levels	0, 1, 1+0, 4, 5, 6
Mounting Rails Included	Yes
All Software Included	Yes
LUN Security via CHAP	Yes
Stress Test Individual Drives	Yes
Stress Test System with Drives Before Shipping	Yes
Anti-Vibration Design	Yes
Cool Drive Technology	Yes
Active Drawer Technology	Yes
Recommended Rack Depth	1200 mm / 47.24 in.
Dimensions-Width	16.93 in. / 43.00 cm
Dimensions-Width (with mounting flanges)	19.00 in. / 48.26 cm
Dimensions-Height	7 in. / 17.78 cm (4 RU)
Dimensions-Depth	37.40 in. / 95.00 cm
Dimensions-Depth (with required front bezels)	40.39 in. / 102.60 cm
Dimensions-Depth (with required front bezels and rear handles)	42.72 in. / 108.50 cm
Maximum Installed Weight (with mounting rails, all drives and controllers)	225 lb / 102 kg
Standard Dual Power Supplies (redundant, load sharing, hot-pluggable, auto-sensing)	2@1600W, 220 to 240V
Operating Temperature Range	5°C to 35°C (41°F to 95°F)

Operating Humidity Range	20% to 80% non-condensing
Operating Altitude	0 to 2133 m (0 to 7000 ft)

The next steps...

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