

Refurbished CISCO CPS-HD6T7KL4K Datasheet

CISCO > PHYSICAL-SECURITY

Cisco Video Surveillance Manager

Cisco Connected Safety and Security UCS C220 M4 Software Application

Software Application	Options
Video Surveillance Manager	Video Surveillance Manager Version 7.8 Drive and RAID configurations 2 x CPS-HDD2TI2F213 or CPS-HD4T7KS3-E in RAID 1 4 x CPS-HDD2TI2F213 or CPS-HD4T7KS3-E in RAID 5 1 x CPS-PSU-770W Redundant Power Supply (optional) Supports the following option card: 1 x N2XX-AEPCI05—Emulex LPE 12002 Dual Port 8 Gb Fibre Channel card

Cisco Connected Safety and Security UCS C240 M4 Software Application

Software Application	Options
Video Surveillance Manager	Video Surveillance Manager Version 7.8 Drive and RAID configurations 2 x CPS-HDD2TI2F213 or CPS-HD4T7KS3-E or CPS-HD6T7KL4K in RAID 1 6 x CPS-HDD2TI2F213 or CPS-HD4T7KS3-E or CPS-HD6T7KL4K in RAID 5 6 x CPS-HDD2TI2F213 or CPS-HD4T7KS3-E or CPS-HD6T7KL4K in RAID 6 12 x CPS-HDD2TI2F213 or CPS-HD4T7KS3-E or CPS-HD6T7KL4K in RAID 5 12 x CPS-HDD2TI2F213 or CPS-HD4T7KS3-E or CPS-HD6T7KL4K in RAID 6 Supports the following option card: 1 x N2XX-AEPCI05—Emulex LPE 12002 Dual Port 8Gb Fibre Channel card

Cisco Connected Safety and Security UCS M4 Platform Overview

Feature	
Feature	Benefit
Intel Xeon processor E5-2600 product family	The Intel Xeon processor E5-2600 v4 and v3 product family is designed to deliver the best combination of performance, built-in capabilities, and cost-effectiveness: Over twice the performance than the previous generation Intel Xeon processor. Low power, high performance DDR4 memory technology. Increased performance with Intel AVX2. Increased virtual machine density. Automated energy efficiency reduces energy costs by automatically putting the processor and memory in the lowest available power state while still delivering the performance required.
Integrated dual-port Gigabit Ethernet	Outstanding network I/O performance and increased network efficiency and flexibility.
High capacity, flexible internal storage	7200-RPM 3.5" SAS drives for high capacity and performance. Up to 4 SAS drives on C220 M4 and up to 12 SAS drives on C240 M4.
Hot-swappable SAS drives	Up to 4 LFF (U220) or 12 LFF (U240) front-accessible, hot-swappable SAS drives. Included Cisco 12Gbps SAS Modular RAID Controller with FBWC Cache module. RAID 0, 1, 5, 6, 10, 50, and 60 supported.
Cisco UCS C-Series Integrated Management Controller (IMC)	Web user interface for server management; remote keyboard, video, and mouse (KVM). Intelligent Platform Management Interface (IPMI) 2.0 support for out-of-band management through third-party enterprise management systems. Virtual media support for remote CD and DVD drives as if local. Command-line interface (CLI) for server management. Provides Cisco UCS visibility and control to management ecosystem partners using a comprehensive XML API.
Advanced reliability, availability, and serviceability (RAS) features	Hot-swappable, front-accessible drives. Redundant Cisco FlexFlash SD cards. Dual-redundant fans and hot-swappable, redundant power supplies for enterprise-class reliability and

uptime (C240 standard; C220 optional).
 Convenient latching lid for easy access to internal server components.
 Tool-free CPU insertion allows for processor upgrades and replacements with reduced risk of damage.
 Tool-free access to all serviceable items and color-coded indicators to guide users to hot-pluggable and serviceable items.

Health monitoring

Health status monitoring from Video Surveillance Operations Manager

Cisco Connected Safety and Security UCS M4 Platform I/O Connections

Item	Specification
USB 3.0	2 ports
10/100/1000M Ethernet	2 ports 1 port for management
Serial RS-232 (RJ-45)	1 port
Video ports	1 VGA video port (15-pin)
KVM	1 KVM console connector (supplies 2 USB, 1 VGA, 1 serial (DB-9) connectors)
Fibre Channel (optional PCIe card)	2 ports

CSS UCS C220 M4 Technical Specifications

Item	
Item	Specification
Housing	1-RU, 4 × SAS front-loading drive bays
Motherboard	Intel E5-2620v3 2.4 GHz Xeon 6-core CPU, 16 GB DDR4 RAM
RAID Controller PCIe Card	Cisco 12-Gbps RAID 0/1/5/6/50/60 8 ports SAS
LEDs	Power, hard-drive activity, network activity, system overheat/fan fail
Gross weight	40 lbs. (14.3kg) base system with 4 HDD, 1 CPU, and 1 power supply
Dimensions	1.7 x 16.9 x 29.8 in. (4.32 x 43 x 75.6 cm)
Power supply	1 × 770W power supply
Power requirements (4 HDD)	
Power requirements (4 HDD)	Max watts: 252 50 % load watts: 171 Idle watts: 88
Operating temperature	41 to 95°F (5 to 35°C)
Nonoperating temperature	-40 to 149°F (-40 to 65°C)
Operating humidity	10 to 90% noncondensing
Nonoperating humidity	5 to 93% noncondensing
Operating altitude	0 to 10,000 ft (0 to 3000m); maximum ambient temperature decreases by 1°C per 300m
Nonoperating altitude	0 to 40,000 ft (12,000m)
Cooling BTU/hr	582 BTU/hour @ 50% utilization and 4 HDD
Onboard storage option	2 TB or 4 TB SAS hard-disk drive in 2- or 4-drive configurations
Onboard storage capacity (preformatted)	2 x 2 TB with RAID 1 ~ 2 TB storage available 2 x 4 TB with RAID 1 ~ 4 TB storage available 4 x 2 TB with RAID 5 ~ 6 TB storage available 4 x 4 TB with RAID 5 ~ 12 TB storage available
Number of onboard storage repositories	1 for RAID-5 configuration for video surveillance application

CSS UCS C240 Technical Specifications

Item	
Item	Specification
Housing	2-RU, 12 × SAS front-loading drive bays
Motherboard	Dual Intel E5-2620v3 2.4 GHz Xeon 6-core CPU, 16 GB DDR4 RAM
RAID Controller PCIe Card	Cisco 12 Gbps RAID 0/1/5/6/50/60 8 ports SAS
LEDs	Power, hard drive activity, network activity, system overheat/fan fail
Gross weight	67.5 lbs. (30.6kg) base system with 12 HDD, 2 CPUs, and 2 power supplies
Dimensions	3.4 x 17.65 x 29.0 in. (8.7 x 44.8 x 73.8 cm)
Power requirements (12 HDD)	
Power requirements (12 HDD)	Max watts: 559 50 % load watts: 380 Idle watts: 208
Operating temperature	41 to 95° F (5 to 35° C) reduce the maximum temperature by 1°C per every 305 m of altitude above sea level
Nonoperating temperature	-40 to 149°F (-40 to 65°C)
Operating humidity	10 to 90% noncondensing
Nonoperating humidity	5 to 93% noncondensing
Operating altitude	0 to 10,000 ft (0 to 3000m); maximum ambient temperature decreases by 1°C per 305m
Nonoperating altitude	0 to 40,000 ft (0 to 12,000m)
Cooling BTU/hr	1295 BTU/hour @50% utilization & 12 HDD
Onboard storage option	2 TB, 4 TB, or 6 TB SAS hard-disk drive in 2, 6, or 12 drive increments
Onboard storage capacity (preformatted)	2 x 2 TB with RAID 1 ~ 2 TB storage available 2 x 4 TB with RAID 1 ~ 4 TB storage available 2 x 6 TB with RAID 1 ~ 6 TB storage available 6 x 2 TB with RAID 5 ~ 10 TB storage available 6 x 4 TB with RAID 5 ~ 20 TB storage available 6 x 6 TB with RAID 5 ~ 30 TB storage available 12 x 2 TB with RAID 5 ~ 22 TB storage available 12 x 4 TB with RAID 5 ~ 44 TB storage available 12 x 6 TB with RAID 5 ~ 66 TB storage available 6 x 2 TB with RAID 6 ~ 12 TB storage available 6 x 4 TB with RAID 6 ~ 16TB storage available 6 x 6 TB with RAID 6 ~ 24 TB storage available 12 x 2 TB with RAID 6 ~ 20 TB storage available 12 x 4 TB with RAID 6 ~ 40 TB storage available 12 x 6 TB with RAID 6 ~ 60 TB storage available
Number of onboard storage repositories	1 for video surveillance application

The next steps...

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Tel: +44 (0)1279 408 777

Email: sales@gocomsys.com

Website: www.gocomsys.com