Vertiv™ Cybex™ Secure KM Switch

Superior Security and Control at the Desktop Designed for Common Criteria PP for Peripheral Sharing Device v.4.0 and EAL4+ Certification

VERTIV

Overview

Vertiv™ Cybex™ secure switches are field-proven, secure KM and KVM switching solutions with special support for government agencies and security conscientious organizations.

Features

- Designed for Common Criteria Protection Profile for Peripheral Sharing Device (PSD) v.4.0

- Isolated switch ports provide discrete processing paths to each computer

- Secure zero-lag KM switching to computers on different security classifications

- Cursor Navigation Switching (CNS) seamlessly transitions keyboard and mouse control between computers when pressing the left CTRL key and moving the cursor across screen borders

- Touch screen support

- Eliminate the need for multiple keyboards and mice

- Ease of setup and use

- Button LEDs can be customized for enhanced channel identification

- Always-on active anti-tampering system, and heavy-duty tamper-resistant enclosure with holographic tamper evident seals.

How It Works

The Vertiv™ Cybex™ Secure KM is ideal for environments where monitoring and managing of multiple computers, covering various degrees of secure data is required. Through Cursor Navigation Switching (CNS), users have the flexibility to manage and monitor their data by simply pressing the left CTRL key and moving their mouse across window borders.

Security

Designed to meet the latest Protection Profile for Peripheral Sharing Device version 4.0, users are receiving the most up to date technology in a secure KM.

The Secure KM switch meets or exceeds these requirements with the following capabilities:

- Unidirectional Optical Data Diodes – Data can only flow in one direction

- Active Intrusion Detection and Tamper-Evident Labels – Ensures hardware has not been compromised

Flexibility

The Cybex Secure KM switch provides users flexibility when it comes to switch control.

- Maintain visibility to all computers with directly connected displays

- Easily switch from one connected computer to another using CNS

Benefits

- Active intrusion detection and tamper-evident holographic labels prevent hardware from being compromised

- Vertiv patented keyboard lock status indication

- Eliminates the need for multiple peripheral devices

- Alleviate workspace clutter

- Prevents information leaks, transfer or crosstalk between adjacent ports and filters ultrasonic audio frequencies via unidirectional optical data diodes (UODD)

Technical Specifications

Switch Models	SCKM140PP4
Computers	
Ports	4
Keyboard and Mouse	1 x USB 2.0 Type B
DPP	none
Analog Audio	none
Console	
Keyboard and mouse	2 x USB 2.0 Type A
DPP	none
Analog Audio	none
Physical	
Dimensions (WxDxH)	13.7 x 5.0 x 1.7 in / 348 x 127 x 43 mm
Weight	3.0 lbs / 1.5 kg
Mounting Options	Desk Mount - DMK-09
Environmental Conditions	
Operating Temp	0 to 40°C / 32 to 104°F
Storage Temp	-20 to 60°C / -4 to 140°F
Humidity	0 to 80% RH, non-condensing
Electrical Power	
AC Input Voltage	100 – 240V AC
Power Supplies	1 x external, 2.5A Max
Power Connector	Wall-mounted power supply with user-interchangeable localized plug blades
Regulatory	
Security Certification	Designed for Common Criteria Protection Profile for Peripheral Sharing Device v. 4.0 and Evaluation Assurance Level (EAL) 4+
Regulatory Certifications	FCC class A, CE, TUV US, TUV Canada, RCM, VCCI
Standard Product Warranty	3 Years; additional warranty terms available
Design & Assembly	Huntsville, AL USA

Computer Cables

Length (ft/m)	Display Video
6 / 1.8	CBL0188
10 / 3.0	CBL0189

Accessories

Part Number	Description	Usage
AFP0004	4-Port Remote Active Front Panel	Remotely select computer ports on SCKM140PP4

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