

CYBEX™ SCM145 SECURE DESKTOP MATRIX



Superior security and control at the desktop
NIAPP PP 3.0 Compliant, Common Criteria Tested And Certified

OVERVIEW

KEY FEATURES

- Support for DVI-I and HDMI 1.4 supporting high resolutions up to UHD 4K
- Use for two monitors, or pair with Vertiv extension technology to send to a central display
- Independently switched display connections - situational awareness of any two connected systems
- Use as a 2P Dual Head Video Device

BENEFITS

- Compliant with NIAP Protection Profile for Peripheral Sharing Switch, version 3.0
- Unidirectional Optical Data Diodes assure USB peripheral isolation enabling data flow from devices to host only
- Always-on active anti-tampering system
- Dedicated Peripheral Port (DPP) for connecting authentication devices such as biometric readers and smart card readers
- Hardware-based peripheral isolation loads all firmware on ROM with no keyboard buffering or memory
- Full USB device filtering to assure support for keyboard and mouse only
- Mouse and keyboard switching via emulation assures zero delay in switching time between connected sources



SPECIFICATIONS

MODEL NUMBER	SCM145	SCM145H
System Connections	4	4
System Support	DVI-I, single-link/dual-link	HDMI 1.4
Display Connections	2 - independently switched	
Display Support	DVI-I, single-link, dual-link	HDMI 1.4
Max Resolution	DVI dual-link - 2560x1600 @ 60 Hz	UHD 4K - 3840x2160 @30 Hz

CONNECTIONS

Console Peripherals	USB Type-A
Computer Peripherals	USB Type-B
Dedicated Peripheral Port	1
Audio Input/Output	1 x 3.5mm stereo female

MECHANICAL

Enclosure	Steel with Plastic Front Panel
Dimensions WxDxH	342 x 125 x 42 mm 13.7 x 5 x 1.7 inches
Weight	1.5 kg (3 lbs)

POWER

Power Requirements	35W Max Internal
AC Input Voltage	100 to 240V AC

ENVIRONMENTAL

Operating Temperature	32° to 104° F; 0° to 40° C
Storage Temperature	-4° to 140° F; -20° to 60° C
Humidity	0-80% RH, non-condensing
Certifications	CE, RCM, FCC class B, VCCI, TUV US, TUV Canada
Warranty	2 Years



SCM145H Rear Panel



SCM145 Rear Panel

Ordering Details

MODEL NUMBER	CABLE OPTIONS-LENGTH	CABLE DESCRIPTION
SCM145	CBL0146 - 6 ft. , CBL0147 - 10 ft.	1-DVI-D/2-USB/1-AUDIO, DPP
SCM145H	CBL0112 - 6 ft. , CBL0113 - 10 ft.	CABLE ASSY, 1-HDMI/2-USB/1-AUDIO
	CBL0164 - 6 ft.	CABLE ASSY, 1-HDMI/2-USB/1-DVI-D/1-AUDIO

VertivCo.com | Vertiv Headquarters, 1050 Dearborn Drive, Columbus, OH, 43085, USA

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