CYBEX™ SC800 SECURE DESKTOP KVM SWITCHES

Outstanding security and control at the desktop

VERTIV™

BENEFITS

- **Outstanding Security:**

  - Certified to NIAP Protection Profile for Peripheral Switching Switches, version 3.0

  - Unidirectional Optical Data Diodes assure USB peripheral isolation enabling data flow from devices to host only

  - 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

  - Dedicated Peripheral Port permits a secure connection to external USB devices, including CAC smart card readers, fingerprint readers and face recognition devices

  - Always-on active anti-tampering system

- **Access:** Access multiple computers or networks using a single keyboard, monitor and mouse

- **Advanced Video Support:** Support for DVI-I, HDMI 1.4 and DP1.2 in single and dual head models supporting high resolutions up to UHD 4K

- **Zero Delay Switching:** Mouse and keyboard switching via emulation assures zero delay in switching time between connected sources

Specifications

PART NUMBER	SC840 SC845	SC840D SC845D	SC840H SC845H
System Connections	4	4	4
System Support	DVI-I, single-link/dual-link	DisplayPort 1.2	HDMI 1.4
Display Connections	1	1	1
Display Support	DVI-I, single-link, dual-link	HDMI 1.4	HDMI 1.4
Max Resolution	**DVI dual-link** - 2560X1600 @ 60 Hz	**UHD 4K** - 3840x2160 @30 Hz	**UHD 4K** - 3840x2160 @30 Hz

SECURITY FEATURES	
Console Peripherals	USB Type-A
Computer Peripherals	USB Type-B
Audio Input/Output	2 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	1.6 kg (3.2 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	3 years

SC845D

Ordering Details

Cybex™ Desktop KVM Cables

PART NUMBER	MODEL	DETAILS
CBL0094	SC840	USB keyboard, mouse & DVI-I video cable with speakers - 6 ft.
CBL0095	SC840	USB keyboard, mouse & DVI-I video cable with speakers - 10 ft.
CBL0096	SC845	USB keyboard, mouse & DVI-I video cable with speakers & CAC - 6 ft.
CBL0097	SC845	USB keyboard, mouse & DVI-I video cable with speakers & CAC - 10 ft.
CBL0102	SC840D	USB keyboard, mouse & DisplayPort video cable with speakers - 6 ft.
CBL0104	SC845D	USB keyboard, mouse & DisplayPort video cable with speakers & CAC - 6 ft.
CBL0110	SC840H	USB keyboard, mouse & HDMI video cable with speakers - 6 ft.
CBL0111	SC840H	USB keyboard, mouse & HDMI video cable with speakers - 10 ft.
CBL0112	SC845H	USB keyboard, mouse & HDMI video cable with speakers & CAC - 6 ft.
CBL0113	SC845H	USB keyboard, mouse & HDMI video cable with speakers & CAC - 10 ft.

BENEFITS

- **Outstanding Security:**

  - Certified to NIAP Protection Profile for Peripheral Switching Devices, version 3.0

  - Unidirectional Optical Data Diodes assure USB peripheral isolation enabling data flow from devices to host only

  - 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

  - Dedicated Peripheral Port permits a secure connection to external USB devices, including CAC smart card readers, fingerprint readers and face recognition devices

  - Always-on active anti-tampering system

- **Access:** Access multiple computers or networks using a single keyboard, monitor and mouse

- **Advanced Video Support:** Support for DVI-I, HDMI 1.4 and DP1.2 in single and dual head models supporting high resolutions up to UHD 4K

- **Zero Delay Switching:** Mouse and keyboard switching via emulation assures zero delay in switching time between connected sources

Specifications

PART NUMBER	SC940 SC945	SC940D SC945D	SC940H SC945H
System Connections	4	4	4
System Support	DVI-I, single-link/dual-link	DisplayPort 1.2	HDMI 1.4
Display Connections	2	2	2
Display Support	DVI-I, single-link/dual-link	HDMI 1.4	HDMI 1.4
Max Resolution	**DVI dual-link** - 2560X1600 @ 60 Hz	**UHD 4K** - 3840X2160 @ 30 Hz	**UHD 4K** - 3840X2160 @ 30 Hz

SECURITY FEATURES	
Console Peripherals	USB Type-A
Computer Peripherals	USB Type-B
Audio Input/Output	2 x 3.5mm stereo female

MECHANICAL	
Enclosure	Steel with Plastic Front Panel
Dimensions WxDxH	342 x 125 x 56 mm 13.7 x 5 x 2.2 inches
Weight	1.85 kg /(3.7 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	3 years

SC940D

Ordering Details

Cybex™ Desktop KVM Cables

PART NUMBER	MODEL	DETAILS
CBL0098	SC940	USB keyboard, mouse & dual head DVI-I video cable with speakers - 6 ft.
CBL0099	SC940	USB keyboard, mouse & dual head DVI-I video cable with speakers - 10 ft.
CBL0100	SC945	USB keyboard, mouse & dual head DVI-I video cable with speakers & CAC - 6 ft.
CBL0101	SC945	USB keyboard, mouse & dual head DVI-I video cable with speakers & CAC - 10 ft.
CBL0106	SC940D	USB keyboard, mouse & dual head DisplayPort video cable with speakers - 6 ft.
CBL0108	SC945D	USB keyboard, mouse & dual head DisplayPort video cable with speakers & CAC - 6 ft.
CBL0114	SC940H	USB keyboard, mouse & dual head HDMI video cable with speakers - 6 ft.
CBL0115	SC940H	USB keyboard, mouse & dual head HDMI video cable with speakers - 10 ft.
CBL0116	SC945H	USB keyboard, mouse & dual head HDMI video cable with speakers & CAC - 6 ft.
CBL0117	SC945H	USB keyboard, mouse & dual head HDMI video cable with speakers & CAC - 10 ft.

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