Emerson Cybex™ SC800 Secure Desktop KVM Switches

Outstanding security and control at the desktop

SC845D

Benefits

- **Outstanding Security:**

  - Designed to meet the specifications of 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

	SC840 SC845	SC840D SC845D	SC840H SC845H
System Connections	4	4	4
Dedicated Peripheral Port	1 (SC845)	1 (SC845D)	1 (SC845H)
Display Connections	1	1	1
Display Support	DVI-I, single-link/dual-link HDMI and VGA with adapter	DP 1.2	HDMI 1.4
Max Resolution	**UHD 4K -** 3840X2160 @ 30 Hz (via DVI to HDMI cable) **DVI dual-link -** 2560X1600 @ 60 Hz (via DVI cable) **VGA -** 2048X1536	Supporting UHD 4K resolutions up to 3840x2160 @ 30 Hz	Supporting UHD 4K resolutions up to 3840x2160
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	RCM, EU, FCC Class B, VCCI, c-UL		
Warranty	3 years		

Ordering Details

EMERSON 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.

SUPERSPEED CERTIFIED USB

COMMON CRITERIA CERTIFIED EAL4+

4K ULTRAHD

EMERSON
Network Power

EMERSON. CONSIDER IT SOLVED.

Emerson Cybex™ SC900 Secure Desktop KVM Switches

Outstanding security and control at the desktop

SC940D

Benefits

- **Outstanding Security:**

  - Designed to meet the specifications of 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

	SC940 SC945	SC940D SC945D	SC940H SC945H
System Connections	4	4	4
Dedicated Peripheral Port	1 (SC945)	1 (SC945D)	1 (SC945H)
Display Connections	2	2	2
Display Support	DVI-I, single-link/dual-link HDMI and VGA with adapter	DP 1.2	HDMI 1.4
Max Resolution	**UHD 4K -** 3840X2160 @ 30 Hz (via DVI to HDMI cable) **DVI dual-link -** 2560X1600 @ 60 Hz (via DVI cable) **VGA -** 2048X1536	Supporting UHD 4K resolutions up to 3840x2160 @ 30 Hz	Supporting UHD 4K resolutions up to 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	RCM, EU, FCC Class B, VCCI, c-UL		
Warranty	3 years		

Ordering Details
EMERSON 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.

EMERSON
Network Power

Emerson Network Power.com

EMERSON. CONSIDER IT SOLVED™.