

CYBEX™ SC800/SC900 SECURE DESKTOP DVI-I KVM SWITCHES

Outstanding security and control at the desktop



SC845

Benefits

- Certified to NIAP Protection Profile for Peripheral Switching Switches, version 3.0
- Always-on active anti-tampering system
- 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
- Support for DVI-I in single and dual head models supporting resolutions up to 2560 x 1600
- Mouse and keyboard switching via emulation assures zero delay in switching them between connected sourcefiles
- Dedicated Peripheral Port permits a secure connection to external USB devices, including CAC smart card readers, fingerprint readers and face recognition devices

Specifications

Part Number	SC820/SC920	SC840/SC845/SC940/SC945	SC885/SC985
System Connections	2	4	8
System Support	DVI-I, single-link/dual-link		
Display Connections	Single Head SC8xx, Dual Head SC9xx		
Display Support	DVI-I, single-link/dual-link		
Max Resolution	DVI dual-link - 2560X1600 @ 60 Hz		
CONNECTIONS			
Console Peripherals	USB Type-A		
Computer Peripherals	USB Type-B		
Dedicated Peripheral Port	0	1 (SC845/SC945)	1
Audio Input/Output	1 x 3.5mm stereo female		
MECHANICAL			
Enclosure	Steel with Plastic Front Panel		
Dimensions WxDxH in / mm	7 x 2.4 x 1.7 (178 x 61 x 43) SC800 7 x 2.4 x 2.2 (178 x 61 x 56) SC900	13.7 x 5 x 1.7 (348 x 127 x 43) SC800 13.7 x 5 x 2.2 (348 x 127 x 56) SC900	17.3 x 7.3 x 1.7 (439 x 185 x 43) SC800 17.3 x 7.3 x 2.2 (439 x 185 x 56) SC900
Weight lbs / (kg)	1.0 (0.5) SC800/ 1.5 (0.7) SC900	3.0 (1.5) SC800/ 3.7 (1.9) SC900	5.4 (2.5) SC800/ 6.8 (3.1) SC900
POWER			
Power Requirements	12V DC, 1.5A Power Adapter	35W Max Internal	45W 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		

Ordering Details

EMERSON CYBEX™ DESKTOP DVI-I CABLES

PART NUMBER	MODEL	DETAILS
CBL0146	SC845, SC885	USB keyboard, mouse & single head DVI-D with audio & DPP - 6 ft.
CBL0147	SC845, SC885	USB keyboard, mouse & single head DVI-D with audio & DPP - 10 ft.
CBL0148	SC945, SC985	USB keyboard, mouse & dual head DVI-D with audio & DPP - 6 ft.
CBL0149	SC945, SC985	USB keyboard, mouse & dual head DVI-D with audio & DPP - 10 ft.
CBL0150	SC820, SC840	USB keyboard, mouse & single head DVI-D with audio - 6 ft.
CBL0151	SC820, SC840	USB keyboard, mouse & single head DVI-D with audio - 10 ft.
CBL0152	SC920, SC940	USB keyboard, mouse & dual head DVI-D with audio - 6 ft.
CBL0153	SC920, SC940	USB keyboard, mouse & dual head DVI-D with audio - 10 ft.

