

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



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

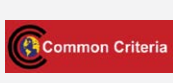
## OVERVIEW

### KEY FEATURES

- Advanced isolation between computers and shared peripherals
- Support for DVI-I in single and dual head models supporting resolutions up to 2560 x 1600

### BENEFITS

- Compliant to NIAP Protection Profile for Peripheral Sharing Switches, 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 them between connected sources



### SPECIFICATIONS

MODEL 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 - 2560 x 1600 @ 60Hz		
CONNECTIONS			
Console Peripherals	USB Type - A		
Computer Peripherals	USB Type - B		
Dedicated Peripheral Port	0	1 (SC845/SC945)	1
Audio Input/Output	1 x 3.5 mm stereo female		
MECHANICAL			
Enclosure	Steel with plastic front panel		
Dimensions W x D x H in/ (mm)	7 x 2.4 x 1.7 (178 x 61 x 43) SC8XX 7 x 2.4 x 2.2 (178 x 61 x 56) SC9XX	13.7 x 5 x 1.7 (348 x 127 x 43) SC8XX 13.7 x 5 x 2.2 (348 x 127 x 56) SC9XX	17.3 x 7.3 x 1.7 (439 x 185 x 43) SC8XX 17.3 x 7.3 x 2.2 (439 x 185 x 56) SC9XX
Weight lbs/ (kg)	1.0 (0.5) SC8XX / 1.5 (0.7) SC9XX	3.0 (1.5) SC8XX / 3.7 (1.9) SC9XX	5.4 (2.5) SC8XX / 6.8 (3.1) SC9XX
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 with Advance Replacement		



SC845 front panel



SC845 rear panel

## Ordering Details

MODEL NUMBER	CABLE OPTIONS-LENGTH	CABLE DESCRIPTION
SC845/SC885	CBL0146 - 6 ft. , CBL0147 - 10 ft.	DVI-D, USB, AUDIO, DPP
SC945/SC985	CBL0148 - 6 ft. , CBL0149 - 10 ft.	DH DVI-D, USB, AUDIO, DPP
SC820/SC840	CBL0150 - 6 ft. , CBL0151 - 10 ft.	DVI-D, USB, AUDIO
SC920/SC940	CBL0152 - 6 ft. , CBL0153 - 10 ft.	DH DVI-D, USB, AUDIO

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