

# CYBEX™ SC800/SC900 SECURE DESKTOP DISPLAYPORT KVM SWITCHES



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

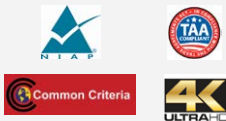
## OVERVIEW

### KEY FEATURES

- Advanced isolation between computers and shared peripherals
- Support for DisplayPort in single and dual head models supporting resolutions up to UHD 4K

### 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 secure emulation assures zero delay in switching them between connected sources



## SPECIFICATIONS

| MODEL NUMBER        | SC820D/SC920D                      | SC840D/SC845D/SC940D/SC945D |
|---------------------|------------------------------------|-----------------------------|
| System Connections  | 2                                  | 4                           |
| System Support      | DisplayPort 1.2                    |                             |
| Display Connections | Single Head SC8XX, Dual Head SC9XX |                             |
| Display Support     | HDMI 1.4                           |                             |
| Max Resolution      | UHD 4K - 3840 x 2160 @30Hz         |                             |

## CONNECTIONS

|                           |                          |                   |
|---------------------------|--------------------------|-------------------|
| Console Peripherals       | USB Type - A, PS/2       |                   |
| Computer Peripherals      | USB Type - B             |                   |
| Dedicated Peripheral Port | 0                        | 1 (SC845D/SC945D) |
| Speaker/Headphone Jack    | 1 x 3.5 mm stereo female |                   |

## MECHANICAL

|                                   |  |  |
|-----------------------------------|--|--|
| Enclosure                         | Steel with plastic front panel   |  |
| Dimensions<br>W x D x H in / (mm) | 7 x 2.4 x 1.7 (178 x 61 x 43) SC8XXX<br>7 x 2.4 x 2.2 (178 x 61 x 56) SC9XXX | 13.7 x 5 x 1.7 (348 x 127 x 43) SC8XXX<br>13.7 x 5 x 2.2 (348 x 127 x 56) SC9XXX |
| Weight lbs / (kg)                 | 1.0 (0.5) SC800 / 1.5 (0.7) SC9XXX   | 3.0 (1.5) SC800 / 3.7 (1.9) SC9XXX   |

## POWER

|                    |                           |                  |
|--------------------|---------------------------|------------------|
| Power Requirements | 12V DC 1.5A Power Adapter | 35W Max Internal |
| AC Input Voltage   | 100 to 240V AC            |                  |

## ENVIROMENTAL

|                       |  |  |
|-----------------------|--|--|
| 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                       |  |
| Cetifications         | CE, RCM, FCC class B, VCCI, TUV US, TUV Canada |  |
| Warranty              | 3 Years with Advance Replacement               |  |



SC845D rear panel

## Ordering Details

| MODEL NUMBER  | CABLE OPTIONS-LENGTH | CABLE DESCRIPTION           |
|---------------|----------------------|-----------------------------|
| SC820D/SC840D | CBL0102 - 6 ft.      | 1-DISPLAYPORT/1-USB/1-AUDIO |
| SC845D        | CBL0104 - 6 ft.      | 1-DISPLAYPORT/2-USB/1-AUDIO |
| SC920D/SC940D | CBL0106 - 6 ft.      | 2-DISPLAYPORT/1-USB/1-AUDIO |
| SC945D        | CBL0108 - 6 ft.      | 2-DISPLAYPORT/2-USB/1-AUDIO |

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