

# CYBEX™ SC800 SECURE DESKTOP KVM SWITCHES

Outstanding security and control at the desktop



## 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
<b>System Connections</b>	4	4	4
<b>System Support</b>	DVI-I, single-link/dual-link	DisplayPort 1.2	HDMI 1.4
<b>Display Connections</b>	1	1	1
<b>Display Support</b>	DVI-I, single-link, dual-link	HDMI 1.4	HDMI 1.4
<b>Max Resolution</b>	<b>DVI dual-link</b> - 2560X1600 @ 60 Hz	<b>UHD 4K</b> - 3840x2160 @30 Hz	<b>UHD 4K</b> - 3840x2160 @30 Hz
CONNECTIONS			
<b>Console Peripherals</b>	USB Type-A		
<b>Computer Peripherals</b>	USB Type-B		
<b>Dedicated Peripheral Port</b>	1 (SC845)	1 (SC845D)	1 (SC845H)
<b>Audio Input/Output</b>	2 x 3.5mm stereo female		
MECHANICAL			
<b>Enclosure</b>	Steel with Plastic Front Panel		
<b>Dimensions WxDxH</b>	342 x 125 x 56 mm 13.7 x 5 x 2.2 inches		
<b>Weight</b>	1.85 kg (3.7lbs)		
POWER			
<b>Power Requirements</b>	35W Max Internal		
<b>AC Input Voltage</b>	100 to 240V AC		
ENVIRONMENTAL			
<b>Operating Temperature</b>	32° to 104° F; 0° to 40° C		
<b>Storage Temperature</b>	-4° to 140° F; -20° to 60° C		
<b>Humidity</b>	0-80% RH, non-condensing		
<b>Certifications</b>	CE, RCM, FCC class B, VCCI, TUV US, TUV Canada		
<b>Warranty</b>	3 years		

## Ordering Details

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

# CYBEX™ SC900 SECURE DESKTOP KVM SWITCHES

Outstanding security and control at the desktop



## 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
<b>System Connections</b>	4	4	4
<b>System Support</b>	DVI-I, single-link/dual-link	DisplayPort 1.2	HDMI 1.4
<b>Display Connections</b>	2	2	2
<b>Display Support</b>	DVI-I, single-link/dual-link	HDMI 1.4	HDMI 1.4
<b>Max Resolution</b>	<b>DVI dual-link</b> - 2560X1600 @ 60 Hz	<b>UHD 4K</b> - 3840X2160 @ 30 Hz	<b>UHD 4K</b> - 3840X2160 @ 30 Hz

CONNECTIONS			
<b>Console Peripherals</b>	USB Type-A		
<b>Computer Peripherals</b>	USB Type-B		
<b>Dedicated Peripheral Port</b>	1 (SC945)	1 (SC945D)	1 (SC945H)
<b>Audio Input/Output</b>	2 x 3.5mm stereo female		
MECHANICAL			
<b>Enclosure</b>	Steel with Plastic Front Panel		
<b>Dimensions WxDxH</b>	342 x 125 x 56 mm 13.7 x 5 x 2.2 inches		
<b>Weight</b>	1.85 kg /(3.7 lbs)		
POWER			
<b>Power Requirements</b>	35W Max Internal		
<b>AC Input Voltage</b>	100 to 240V AC		
ENVIRONMENTAL			
<b>Operating Temperature</b>	32° to 104° F; 0° to 40° C		
<b>Storage Temperature</b>	-4° to 140° F; -20° to 60° C		
<b>Humidity</b>	0-80% RH, non-condensing		
<b>Certifications</b>	CE, RCM, FCC class B, VCCI, TUV US, TUV Canada		
<b>Warranty</b>	3 years		

## Ordering Details

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

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