

# CYBEX™ SC840DP/ SC845DP/ SC940DP/SC945DP SECURE DESKTOP DISPLAY PORT KVM SWITCHES



## BENEFITS

- Outstanding security. Designed to meet the requirements of the latest National Information Assurance Partnership (NIAP) Protection Profile V3.0 for Peripheral Sharing Switch.
- Discrete processing paths. Isolated ports on the switch provide discrete processing paths to each system, preventing data leakage, transfer or crosstalk between adjacent ports.
- Unique NUM Lock, CAPS Lock and Scroll Lock indicators. While the Cybex series maintains unidirectional data flow, it also provides indicators that alert users when the NUM Lock, CAPS Lock or Scroll Lock is on to improve awareness and ease of use.
- Support for secure two-factor authentication devices. An optional dedicated peripheral port (DPP) provides a secure connection to common access card readers (i.e., CAC), as well as additional types of authentication devices including, facial recognition scanners and fingerprint readers.
- True image reproduction and display flexibility. Cybex secure KVM switches offer the industry's broadest range of video connections including DVI-I, Display Port, HDMI and support for resolutions up to UHD 4K ensure highest quality and accuracy of video presentations.

The Cybex™ SC840DP/ SC845DP/ SC940DP/SC945DP secure desktop KVM is designed to meet the stringent specifications of the U.S. government and the NIAP / Common Criteria protection profile for peripheral sharing switches version 3.0.

## How It Works

Vertiv™ SC secure switches are field-proven, secure, KVM switching solutions with special support for government agencies and security conscientious organizations. This switching system allows users to switch safely and securely between computers operating at different classification levels from a single set of peripherals, providing continuous access to critical data. With multiple security features, the secure design prevents the transfer of data or information between the connected computers, ensuring data security is not compromised.

## Solving Problems

Every day, news headlines report another cyber security breach. Military and government agencies, financial institutions, national health organizations, large media companies and multi-national retail chains — none have been immune to major security events. While the importance of security at the network level has long been recognized, security management at the desktop has sometimes been overlooked. Each desktop computer or device offers a potential point of entry into your network. Laptops, PCs, memory storage devices, smartphones, tablets — all of these can be the catalyst for malicious attack or intellectual property theft. Whether you are running an organization with limited IT resources or managing a department within a large organization, protecting the desktop environment is critical to reducing risk and abiding by privacy and security regulations.

## Adding Value

Cybex secure KVM switches deliver strong, effective security management designed to prevent unauthorized access via peripheral devices while delivering transparent security that does not impede user productivity.

## Features

- NIAP Protection Profile for Peripheral Sharing Switch Devices v. 3.0.
- Four secure, isolated channels.
- Single and Dual Head DisplayPort 1.2 connections, providing resolutions up to UHD 4K.
- Advanced Isolation between computers and shared peripherals.
- Dedicated Peripheral Port (DPP) providing secure connection to external USB devices, (i.e., CAC smart card readers, fingerprint readers, and face recognition devices).
- Always-on active anti-tampering system, including holographic tamper evident seals.

## Technical Specifications

DISPLAYPORT 1.2 (4K UHD 3840 X 2160 @ 30 HZ)				
Computers (target input)	SC800 Single Head		SC900 Dual Head	
	Audio/USB	Audio/USB/DPP	Audio/USB	Audio/USB/DPP
4	Cybox™ SC 840DP	Cybox SC 845DP	Cybox SC 940DP	Cybox SC 945DP



Cybox SC945DP

DISPLAY PORT CABLES						
Series	Video Type	Cable Length (ft / m)	SC800 Single Head		SC900 Dual Head	
			Audio/USB	Audio/USB/DPP	Audio/USB	Audio/USB/DPP
SCxxxDP	DisplayPort	6 / 1.8	CBL0102	CBL0104	CBL0106	CBL0108



Cybox SC845DP

DIMENSIONS & WEIGHTS						
Computers	Width (in / mm)	Depth (in / mm)	SC800 Single Head		SC900 Dual Head	
			Height (in / mm)	Weight (lb / kg)	Height (in / mm)	Weight (lb / kg)
4	13.7 / 348	5.0 / 127	1.7 / 43	3.0 / 1.5	2.2 / 56	3.7 / 1.9

ENVIRONMENTAL CONDITIONS			
Series	Operating Temperature	Humidity	Storage Temperature
All Series	32° to 104° F (0° to 40° C)	0-80% RH, non-condensing	-4° to 140° F (-20° to 60° C)

CONSOLE PERIPHERALS	
Computers	Keyboard & Mouse
4	USB Type-A & PS/2

ELECTRICAL POWER		
Computers	Power	AC Input Voltage
4	35W Max Internal	100 to 240V AC 50/60 Hz

<b>Certifications</b>	FCC class B, CE, TUV US, TUV Canada, RCM, VCCI
<b>Warranty</b>	3 Years

