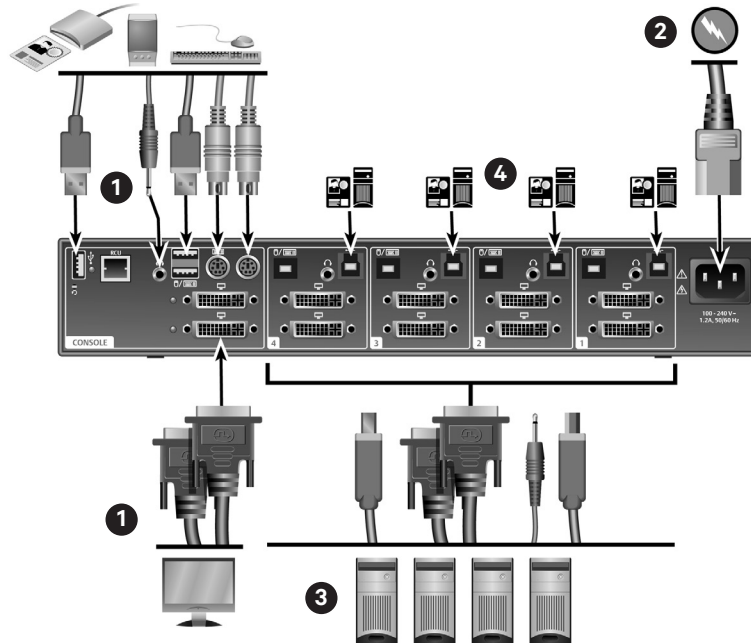# VERTIV™ CYBEX™ SC 840/845 AND 940/945 KVM SWITCHES

## Quick Installation Guide for DVI-I

**Vertiv™ Cybex™ SC 945 Switch Shown**



The following instructions will help you install your Vertiv™ Cybex™ SC 840/940/845/945 switch.

**WARNING:** This product is equipped with active intrusion protection. Tampering may permanently disable the switch and void the warranty. If the enclosure appears to have been tampered with or if all the port LEDs flash continuously, please contact Technical Support. This product also has tamper evident seals. Broken or removed seals will void the warranty.

1. **Connecting local peripherals**
   Turn off all computers you plan to use with your SC 840/940/845/945 switching system.  Plug the DVI-I monitor cable into the appropriate CONSOLE port on the back of the switch. Plug the USB or PS/2 keyboard and mouse cables, speaker or headset cable and Common Access Card (CAC) device into the appropriate ports.

2. **Turning on your system**
   Turn the monitor on. Plug the power supply cord into the switch. Plug the other end of the power supply cord into an AC wall outlet. The display diagnostic LED should be solid green a few seconds after power is applied. This indicates the display EDID information has been captured and secured.

3. **Connecting computers to the switch**
   Make sure all computers are turned off. Plug the monitor, speaker, keyboard and mouse cables  from the corresponding computer into one of the ports on the switch. Repeat for all computers.

   **NOTE:** The cables must be connected directly to a free USB port on your computer with no USB hubs or other devices in between.

4. **CAC device configuration and operation (applies to SC 845 and SC 945 models only)**
   Using a USB cable, connect one end of the cable to the computer that requires CAC, and the other end to the CAC port on the switch that corresponds to the computer. Enable CAC for the port connection by switching the CAC switch to the right. Repeat the previous steps for additional computers that require CAC.

**NOTE:** Make sure that the CAC switch is disabled (switched left) for all other non-connected CAC systems.

Once configured, the CAC connection will be switched only when required by the connected computer. When switching from a CAC enabled port to a non-CAC enabled port, the CAC connection will remain with the last previously selected port where the CAC was enabled.

5. **Turning on the computers**
   Turn on all the attached computers and check for display and peripheral functionality.

6. **Switching your computers**
   When you turn on your computers, the computer connected to the front panel will be displayed.

Press the corresponding front panel button (1 through 4) on the switch to access the computers on your SC switching system. The front panel button of the selected computer will illuminate.

### Supported Hardware
The SC switches support most DVI, HDMI, VGA monitors and video cards (with adaptors), headsets, speakers, USB and PS/2 keyboards and USB mice.

### Environmental
Operating temperature is 32° to 104° F (0° to 40° C).

Storage temperature is -4° to 140° F (-20° to 60° C).

Humidity requirements are 0-80% relative humidity, non-condensing.

## MECHANICAL

### Approximate Dimensions
W x D x H: 13.5 x 5 x 2.2 inches (342 x 125 x 56.6 mm)

Weight: 4 lbs (1.85 kg)

### Supported Resolution
Supports 4K HDMI resolutions at 30 Hertz.

### Cables
Users can choose from 6 ft. or 10 ft. cables and select whether or not to use CAC functionality.

Contact a Vertiv representative for ordering details.

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