



## QUICK INSTALLATION GUIDE SwitchView® SC120/220/140/240 2/4-Port VGA/USB and PS/2 Switches

The following instructions will help you install your SwitchView SC120/220/140/240 switch.

Should you require further assistance, please contact Avocent Technical Support.

### 1 Connecting local peripherals

Turn off all servers you plan to use with your SwitchView SC120/220/140/240 switching system. Plug the VGA monitor cable into the appropriate CONSOLE port on the back of the switch. Plug the USB or PS/2 keyboard cable and USB or PS/2 mouse cable into the appropriate ports.

### 2 Connecting your servers

The SwitchView SC120/220 switching system has two ports labeled PC1-PC2, and the SwitchView 140/240 switching system has four ports labeled PC1-PC4 on the rear of the switch. Plug the USB cable or two PS/2 cables and the VGA cable (monitor) into the corresponding ports on the server. Plug the other ends into one of the server port sets on the switch. Repeat for all servers.

### 3 Turning on your system

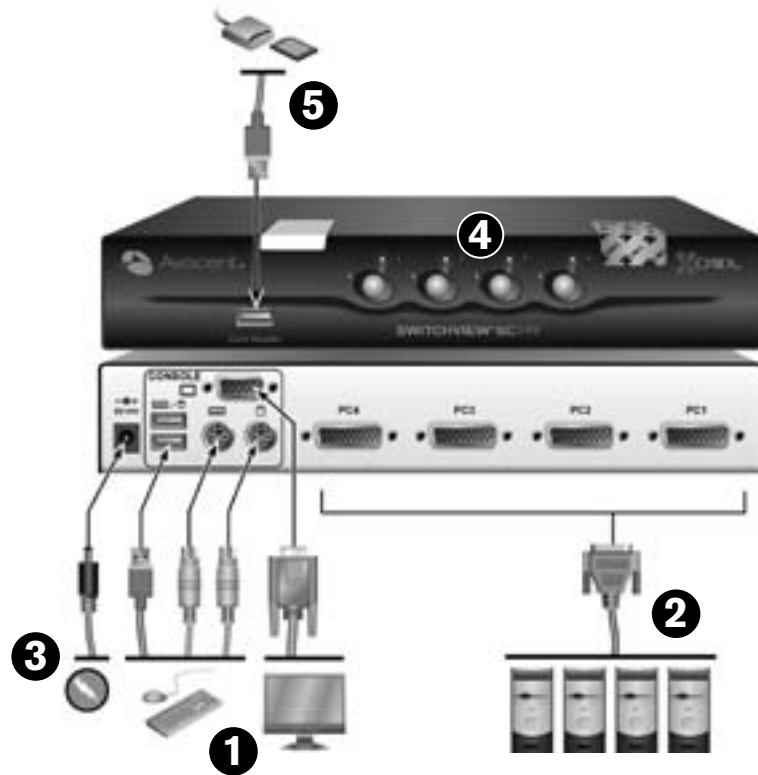
Connect the included power cord and power supply. Plug the power supply into the SC120/140/220/240 switch. Plug the other end of the power cord into an AC wall outlet. Turn on all attached servers.

### 4 Switching your servers

Press the corresponding front panel button, labeled 1-2 on the SC120/220 switch or 1-4 on the SC140/240 switch, to access servers in your SwitchView switching system.

**NOTE:** This switch has tamper evident seals. Broken or removed seals will void the warranty.

SwitchView SC240 switch shown



### 5 Using the front panel card reader port

SwitchView SC220/240 switches are equipped with a front panel USB port to support Smart Card/Common Access Card (CAC) functionality. Front panel push-buttons allow you to switch KVM sessions and the card reader together.

**NOTE:** An applicable USB CCID [Integrated Circuit(s) Cards Interface Devices] driver must be installed on the target server to use this feature.

**NOTE:** Do not insert a Smart Card/CAC into the reader until the switch is fully configured and turned on.

### LEDs

Each target port has two LEDs on the front panel. The green LED will light when the target device is on and connected to the switch. The amber LED will light when the target device is selected (KVM session).



To Contact Avocent Technical Support: Visit [www.avocent.com](http://www.avocent.com)

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**Supported Hardware**

The SC120/220/140/240 switch supports most VGA monitors and video cards, USB keyboards, USB mice, USB CCID Smart Card readers or CAC readers, PS/2 keyboards and PS/2 mice.

**Environmental**

Operating Temperature:  
32° (0°C) to 104° (40°C)

Storage Temperature:  
-4° (-20°C) to 122° (50°C)

Operating Voltage 5 VDC

Power Frequency: N/A

Typical Power Consumption:

SwitchView SC120 switch (USB/PS2)  
– 1.2W/1.2W (120V), 1.4W/1.39W (240V)

SwitchView SC140 switch (USB/PS2)  
– 1.2W/1.2W (120V), 1.3W/1.4W (240V)

SwitchView SC220 switch (USB/PS2)  
– 2W/2W (120V), 2.3W/2W (240V)

SwitchView SC240 switch (USB/PS2)  
– 1.8W/1.8W (120V), 2.2W/2W (240V)

Maximum Power Consumption:

SwitchView SC120 switch (USB only)  
– 4.8W (120V), 4.7W (240V)

SwitchView SC140 switch (USB only)  
– 4.4W (120V), 4.5W (240V)

SwitchView SC220 switch (USB/PS2)  
– 6.2W/6.5W (120V), 6.3W/6.7W (240V)

SwitchView SC240 switch (USB/PS2)  
– 5.2W/6.2W (120V), 5.5W/6.5W (240V)

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**NOTE:** Power consumption figures were determined by internal analysis. Typical power consumption tests included a keyboard, mouse and CAC reader (SwitchView SC220/SC240 switch only). Maximum power consumption tests included a keyboard and mouse and a 0.5A USB load on each USB port.

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**Mechanical**

Approximate dimensions:

H x W x D = 1.7 in. [43.2 mm] X 10.4 in. [264.2 mm] X 5.7 in. [144.8 mm]

Weight = 2.3 lbs. (1.0 kg)

Video Modes: VGA, SVGA, XGA, SXGA, UXGA, WVGA, WSVGA, WXGA, WSXGA, WUXGA and HDTV

Maximum Resolution: 2048 x 1536 @ 85 Hz (monitor and video card support for the maximum resolution will vary and should be verified for compatibility)

**Cables**

Users can choose from 6 ft. or 12 ft. cables for either USB or PS/2 and select whether or not to use CAC functionality (SC220/240 switch only).

Contact an Avocent representative for ordering details.

