Avocent® SwitchView™ SC 600C and SC 700C Switches

Enhance Security at the Desktop

SwitchView™ SC 600C and SC 700C Switches Benefits

- **Common Criteria** validated to EAL2+

- **Multiple layers of security**
  - U.S. designed firmware: Allows only keyboard and mouse human interface devices (HIDs) to switch to the target computers
  - Tamper-evident tape: Shows a visual indication of an attempt to gain access to the internal components of the switch
  - Locked memory: Prevents tampering and reprogramming of the firmware

- **Secure channels**
  - Two to eight secure channels
  - 60dB crosstalk isolation to prevent data leaks between adjacent ports

- **Clears buffer**
  Automatically clears the keyboard buffer immediately after data is transmitted through the switch, so no data is ever left in the switch

Common Criteria ®

Proven and Secure Access for Any Environment

The Avocent® SwitchView™ SC 600C and SC 700C KVM switch series offers proven, secure access for any desktop environment where security is mandatory. With its features: Common Criteria validated to EAL2+, multiple levels of physical security, CAC support and controlled USB connectivity, you can consolidate multiple workstations of varying security classification levels with one keyboard, monitor and mouse without compromising network security.

Both the SwitchView SC 600C and SC 700C switches include multiple layers of security including tamper-proof hardware security at the desktop. In addition, the secure switches ensure that only keyboard and mouse function on target computers by constantly monitoring all devices attached to the console ports. These switches ignore communication from all other USB devices (such as flash drives, hard disk drives, cameras and printers) when switching data to the target. In situations where the only USB port(s) are those enabled on the target computer, the SwitchView SC switch will not introduce security vulnerabilities.

The secure switches offer support for USB peripherals and target computers.

EMERSON™
Network Power

ORDERING DETAILS

PART #	MODEL	DESCRIPTION
SC620C-xxx	SwitchView™ SC 620C	1 user, 2 systems, SwitchView SC switch, USB, DVI-I (dual link), audio and CAC
SC640C-xxx	SwitchView™ SC 640C	1 user, 4 systems, SwitchView SC switch, USB, DVI-I (dual link), audio and CAC
SC740C-xxx	SwitchView™ SC 740C	1 user, 4 systems, SwitchView SC switch, USB, DVI-I (dual link, dual head), audio and CAC

Cables and Accessories

CBL0025	USB keyboard and mouse and DVI-I video cable and audio - 6 ft. for the SC4UAD switch and SC 400/ SC 600 series switches
CBL0026	USB keyboard and mouse and DVI-I video cable and audio - 12 ft. for the SC4UAD switch and SC 400/ SC 600 series switches
CBL0027	USB keyboard and mouse and DVI-I video cable - 6 ft. for the SC4UAD switch and SC 400/ SC 600 series switches
CBL0028	USB keyboard and mouse and DVI-I video cable - 12 ft. for the SC4UAD switch and SC 400/ SC 600 series switches
CBL0046	USB keyboard and mouse and dual head DVI-I video cable and audio - 6 ft. for the SC 540/ SC 740 series switches
CBL0047	USB keyboard and mouse and dual head DVI-I video cable and audio - 12 ft. for the SC 540/ SC 740 series switches
CBL0048	USB keyboard and mouse and dual head DVI-I video cable - 6 ft. for the SC 540/ SC 740 series switches
CBL0049	USB keyboard and mouse and dual head DVI-I video cable - 12 ft. for the SC 540/ SC 740 series switches
CBL0052	USB keyboard and mouse and DVI-D video cable - 6 ft. for the SC4UAD switch and SC400/ SC 500/ SC 600/ SC 700 series switches
CBL0056	USB keyboard and mouse and DVI-D video cable - 12 ft. for the SC4UAD switch and SC 400/ SC 500/ SC 600/ SC 700 series swiches
CBL0084	USB keyboard, mouse & dual head DVI-D video cable & audio - 6 ft.
CBL0085	USB keyboard, mouse & dual head DVI-D video cable & audio - 12 ft.
CBL0090	USB keyboard, mouse & DVI-D video cable & audio - 6 ft.
CBL0091	USB keyboard, mouse & DVI-D video cable & audio - 12 ft.
VAD-27	Male DVI-I to Female HD15 VGA video adapter (console)
VAD-28	Female DVI-I to Male HD15 VGA video adapter (computer)
VAD-30	Single link female DVI-I to male DVI-D video adapter(same as VAD29, but slightly thinner for limited space)
VAD-31	Dual link DVI-I to DVI-D adapter
VAD-32	Single link female DVI-D to male DisplayPort video adapter

Specifications

SWITCHVIEW™ SC 600C

Mechanical
Height: 1.7" (4.32 cm)

Width: 10.4" (26.42 cm)

Power
Typical Power Consumption
SC620C: 4W (120V), 4.3W (240V)
SC640C: 4.9W (120V), 5.3W (240
Maximum Power Consumption
SC620C: 9.2W (120V), 9.5W (240V)
SC640C: 10.1W (120V), 10.4W (240V)

SWITCHVIEW SC 700C

Mechanical
Height: 2.4" (6.1 cm)

Width: 10.4" (26.42 cm)

Power
Typical Power Consumption
7.2W (120V), 7.5W (240V)
Maximum Power Consumption
12.4W (120V), 12.5W (240V)

ALL MODELS

Environmental
Operating Temperature: 32 to 104 F (0 to 40 C)
Storage Temperature: -4 to 122 F (-20 to 50 C)

Power
Operating Voltage: 100-240 VAC

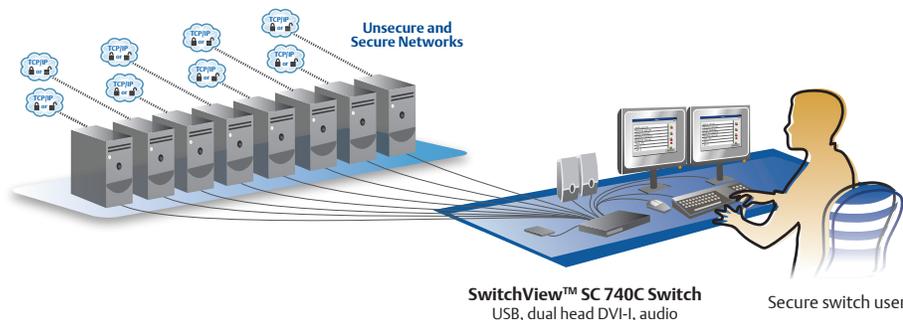**Power Frequency:** 50-60 Hz

Supported Hardware
Peripherals: USB keyboard and USB mouse only (per Common Criteria Protection Profile v2.1), Common Access Card (CAC) Readers

Standards
Approved Agency: CE, UL 60950-1, CSA C22.2 No 60950-1, EN60950, FCC Part 15 Class B EN55022 Class B, EN55024 61000-3-3, VCCI Class B, C-Tick CISPR22, ICES-003

Warranty
Three years

Unsecure and Secure Networks

SwitchView™ SC 740C Switch
USB, dual head DVI-I, audio

Secure switch user

EMERSON. CONSIDER IT SOLVED.