

SwitchView™ SC600 and SC700 Switches

Enhance Security at the Desktop

Infrastructure Management & Monitoring for Business-Critical Continuity™

SwitchView™ SC600 and SC700 Switch Benefits

- **NIAP 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: 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 four 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



Proven and Secure Access for Any Environment

The Avocent® SwitchView SC600 and SC700 KVM switch series offers proven, secure access for any desktop environment where security is mandatory. NIAP validated to EAL2+, multiple levels of physical security, 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 SC600 and SC700 switches include multiple layers of security including tamper-proof hardware security at the desktop. In addition, the secure switch ensures 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.



The SC600/700 series is the first set of secure switches validated to the latest NIAP Protection Profile (version 2.1, Sept 2010)



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ORDERING DETAILS

PART #	MODEL	DESCRIPTION
SC620-xxx	SwitchView SC620	1 user, 2 systems, SwitchView SC switch, USB, DVI-I (dual link), audio
SC640-xxx	SwitchView SC640	1 user, 4 systems, SwitchView SC switch, USB, DVI-I (dual link), audio
SC740-xxx	SwitchView SC740	1 user, 4 systems, SwitchView SC switch, USB, DVI-I (dual link, dual head), audio

Cables & Accessories

CBL0025	USB keyboard and mouse and DVI-I video cable and audio - 6 ft. for the SC4UAD switch, and SC400/SC600 series switches
CBL0026	USB keyboard and mouse, and DVI-I video cable and audio - 12 ft for the SC4UAD switch, and SC400/SC600 series switches
CBL0027	USB keyboard and mouse, and DVI-I video cable - 6 ft for the SC4UAD switch, and SC400/SC600 series switches
CBL0028	USB keyboard and mouse, and DVI-I video cable - 12 ft for the SC4UAD switch, and SC400/SC600 series switches
CBL0046	USB keyboard and mouse, and dual head DVI-I video cable and audio - 6 ft for the SC540 and SC740 switches
CBL0047	USB keyboard and mouse, and dual head DVI-I video cable and audio - 12 ft for the SC540 and SC740 switches
CBL0048	USB keyboard and mouse, and dual head DVI-I video cable - 6 ft for the SC540 and SC740 switches
CBL0049	USB keyboard and mouse, and dual head DVI-I video cable - 12 ft for the SC540 and SC740 series switches
CBL0052	USB keyboard and mouse and DVI-D video cable - 6 ft. for the SC4UAD switch and SC400/SC500/SC600/SC700 series switches
CBL0055	USB keyboard and mouse and DVI-D video cable and audio - 6 ft. for the SC4UAD switch and SC400/SC500/SC600/SC700 series switches
CBL0056	USB keyboard and mouse and DVI-D video cable - 12 ft. for the SC4UAD switch and SC400/SC500/SC600/SC700 series switches
CBL0059	USB keyboard and mouse and DVI-D video cable and audio - 12 ft. for the SC4UAD switch and SC400/SC500/SC600/SC700 series switches
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-29	Single link female DVI-I to male DVI-D video adapter(same as VAD30, but slightly thicker)
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™ SC600

Mechanical

Height: 1.9" (4.83 cm)
Width: 10.4" (26.42 cm)
Depth: 7.3" (18.54 cm)
Weight: 3.2 lbs. (1.5 Kg)

Power

Typical Power Consumption

SC620: 4W (120V), 4.3W (240V)
SC640: 4.9W (120V), 5.3W (240V)

Maximum Power Consumption

SC620: 9.2W (120V), 9.5W (240V)
SC640: 10.1W (120V), 10.4W (240V)

SWITCHVIEW™ SC700

Mechanical

Height: 2.5" (6.35 cm)
Width: 10.4" (26.42 cm)
Depth: 7.3" (18.54 cm)
Weight: 4 lbs. (1.8 Kg)

Power

Typical Power Consumption

SC740: 7.2W (120V), 7.5W (240V)

Maximum Power Consumption

SC740: 12.4W (120V), 12.5W (240V)

ALL MODELS

Environmental

Operating Temperature: 41 to 104 F (5 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

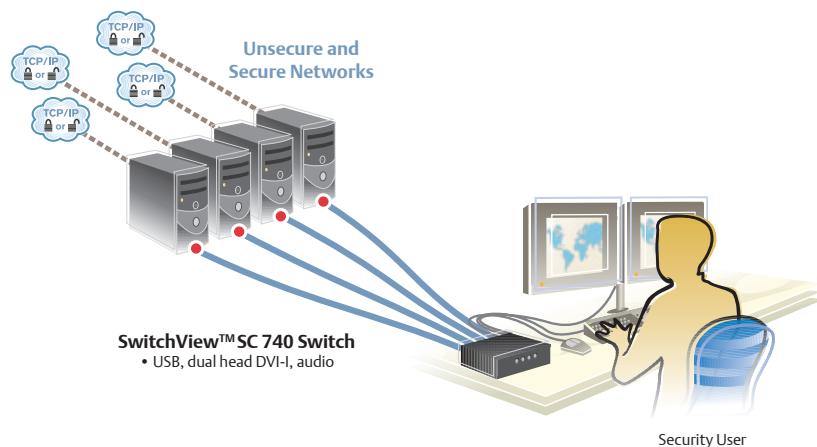
Peripherals: USB keyboard and USB mouse only(per Common Criteria Protection Profile v2.1)

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

Two Years



SwitchView™ SC740 Switch

Emerson Network Power.
 The global leader in enabling
 Business-Critical Continuity™.

- AC Power
- Connectivity
- DC Power
- Embedded Computing

- Embedded Power
- Infrastructure Management & Monitoring
- Outside Plant
- Power Switching & Controls

- Precision Cooling
- Racks & Integrated Cabinets
- Services
- Surge Protection

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 0911-SVSC600700-DS-EN