

# AVOCENT® SwitchView™ SC 600 AND SC 700 SWITCHES

Enhance Security at the Desktop



## 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: 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



## Proven and Secure Access for Any Environment

The Avocent® SwitchView™ SC 600 and SC 700 KVM switch series offers proven, secure access for any desktop environment where security is mandatory. With its features: NIAP validated to EAL2+, multiple levels of physical security, optional 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 600 and SC 700 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.



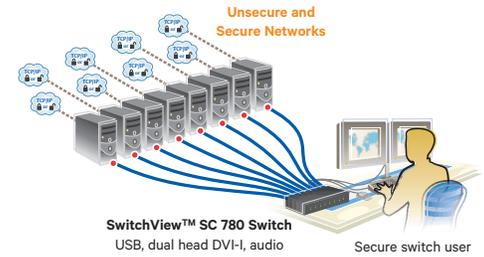
*The SC 600/ SC 700 series is the first set of secure switches validated to the latest NIAP Protection Profile (version 2.1, September, 2010)*

## Ordering Details

PART #	MODEL	DESCRIPTION
SC620-xxx	SwitchView™ SC 620	1 user, 2 systems, SwitchView SC switch, USB, DVI-I (dual link), audio
SC620C-xxx	SwitchView SC 620C	1 user, 2 systems, SwitchView SC switch, USB, DVI-I (dual link), audio and CAC
SC640-xxx	SwitchView SC 640	1 user, 4 systems, SwitchView SC switch, USB, DVI-I (dual link), audio
SC640C-xxx	SwitchView SC 640C	1 user, 4 systems, SwitchView SC switch, USB, DVI-I (dual link), audio and CAC
SC680-xxx	SwitchView SC 680	1 user, 8 systems, SwitchView SC switch, USB, DVI-I (dual link), audio
SC740-xxx	SwitchView SC 740	1 user, 4 systems, SwitchView SC switch, USB, DVI-I (dual link, dual head), audio
SC740C-xxx	SwitchView SC 740C	1 user, 4 systems, SwitchView SC switch, USB, DVI-I (dual link, dual head), audio and CAC
SC780-xxx	SwitchView SC 780	1 user, 8 systems, SwitchView SC switch, USB, DVI-I (dual link, dual head), audio

### 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 switches
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 - All Models

ENVIRONMENTAL	
OPERATING TEMPERATURE	STORAGE TEMPERATURE
32 to 104 F (0 to 40 C)	-4 to 122 F (-20 to 50 C)
POWER	
OPERATING VOLTAGE	POWER FREQUENCY
100-240 VAC	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	
Three years	

## Specifications

MODEL	MECHANICAL				POWER	
	HEIGHT	WIDTH	DEPTH	WEIGHT	TYPICAL POWER CONSUMPTION	MAXIMUM POWER CONSUMPTION
SwitchView™ SC 620	1.7" (4.32 cm)	10.4" (26.42 cm)	7.2" (18.29 cm)	3.2 lbs. (1.5 Kg)	4W (120V), 4.3W (240V)	9.2W (120V), 9.5W (240V)
SwitchView SC 640	1.7" (4.32 cm)	10.4" (26.42 cm)	7.2" (18.29 cm)	3.2 lbs. (1.5 Kg)	4.9W (120V), 5.3W (240V)	10.1W (120V), 10.4W (240V)
SwitchView SC 680	1.7" (4.32 cm)	17" (43.18 cm)	9.2" (23.37 cm)	6 lbs (2.7 Kg)	4.9W (120V), 5.3W (240V)	10.1W (120V) 10.4W (240V)
SwitchView SC 740	2.4" (6.1 cm)	10.4" (26.42 cm)	7.2" (18.29 cm)	4 lbs. (1.8 Kg)	7.2W (120V), 7.5W (240V)	12.4W (120V), 12.5W (240V)
SwitchView SC 780	2.4" (6.1 cm)	17" (43.18 cm)	9.2" (23.37 cm)	7 lbs (3.2 Kg)	7.2W (120V), 7.5W (240V)	12.4W (120V), 12.5W (240V)

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