

# 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

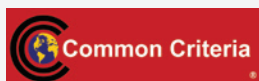
The Avocent® SwitchView™ SC 600 and SC 700 KVM switch series offers proven, secure access for any desktop environment where security is mandatory. With its features: NIAP validated to EAL2+, multiple levels of physical security, optional CAC support and controlled USB connectivity, you can consolidate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

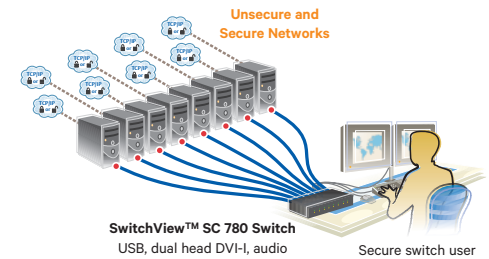


## Ordering Details

| 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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