SwitchView™ SC300 Switch
Proven and Secure Access with USB Support for Every Environment

Infrastructure Management & Monitoring for *Business-Critical Continuity™*

SwitchView™ SC300 Switch Benefits

- **NIAP Common Criteria** validated to EAL4+
- **Multiple layers of security:**
  - U.S. custom-designed and loaded firmware
  - Tamper-evident tape: A visual indication of an attempt to gain access to the internal components of the switch
  - Smart Card/CAC Card reader support
  - Locked memory: Prevents tampering and reprogramming of the firmware
- **Secure channels**
  - Two to eight secure channels
  - Each channel consists of its own unique processing data path
- **Clears buffer**
  - Automatically clears the keyboard buffer immediately after data is transmitted through the switch, so no data is ever left in the switch
- **User Experience:**
  - Industry leading technology provides for seamless switching between channels

Common Criteria

Proven and Secure Access for Every Environment

The Avocent SwitchView™ SC 300 KVM switch series offers proven, secure access for any environment where security is mandatory and expanded USB support is required. The SC 300 series is NIAP validated to EAL4+ and allows for multiple levels of physical security and CAC capability, enabling you to consolidate multiple workstations of varying security classification levels with one keyboard, monitor and mouse without compromising network security.

The SwitchView™ SC 300 series of switches includes tamper-proof hardware security at the desktop and discrete processing paths, as well as separate processors for each channel to prevent data transfer between attached devices.

In addition, the SC 300 series switch allows a full range of USB peripherals to accommodate any environment

The SC 300 series switch is available in 2, 4 and 8 port configurations

Avocent

EMERSON Network Power

SwitchView™ SC300 Switch

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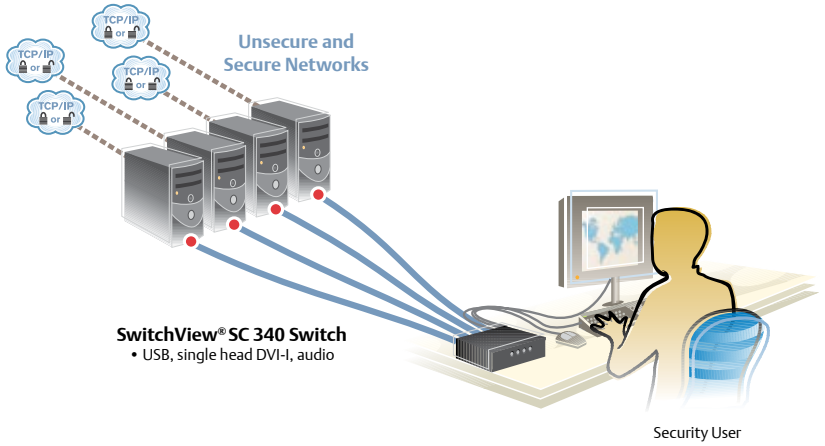
ORDERING DETAILS

PART #	DESCRIPTION
SC320-xxx	1 user, 2 systems, SwitchView SC switch, USB, DVI-I (dual link), audio
SC340-xxx	1 user, 4 systems, SwitchView SC switch, USB, DVI-I (dual link), audio
SC380-xxx	1 user, 8 systems, SwitchView SC switch, USB, DVI-I (dual link, single head), audio

Cables & Accessories

CBL0025	USB keyboard and mouse and DVI-I video cable and audio - 6 ft. for the SC300 series switch, and SC400/SC600 series switches
CBL0026	USB keyboard and mouse, and DVI-I video cable and audio - 12 ft for the SC300 series switch, and SC400/SC600 series switches
CBL0027	USB keyboard and mouse, and DVI-I video cable - 6 ft for the SC300 series switch, and SC400/SC600 series switches
CBL0028	USB keyboard and mouse, and DVI-I video cable - 12 ft for the SC300 series switch, and SC400/SC600 series switches
CBL0052	USB keyboard and mouse and DVI-D video cable - 6 ft. for the SC300 series switch and SC400/SC500/SC600/SC700 series switches
CBL0055	USB keyboard and mouse and DVI-D video cable and audio - 6 ft. for the SC300 series switch and SC400/SC500/SC600/SC700 series switches
CBL0056	USB keyboard and mouse and DVI-D video cable - 12 ft. for the SC300 series switch and SC400/SC500/SC600/SC700 series switches
CBL0059	USB keyboard and mouse and DVI-D video cable and audio - 12 ft. for the SC300 series 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



SwitchView SC340 Switch

Specifications

SWITCHVIEW™ SC320

Mechanical

Height: 2.3" (58.4 mm)
Width: 7.1" (180.3 mm)
Depth: 7.0" (177.8 mm)
Weight: 2.4 lbs (1.1 kg)

Power

Typical Power Consumption
SC320: 3.3W(120V), 3.6W(240V)

Maximum Power Consumption
SC320: 8.5W(120V), 8.7W(240V)

SWITCHVIEW™ SC340

Mechanical

Height: 2.3" (58.4 mm)
Width: 10.3" (261.6mm)
Depth: 7.0" (177.8 mm)
Weight: 3.4 lbs (1.5 kg)

Power

Typical Power Consumption
SC340: 5.5W(120V), 5.7W(240V)
Maximum Power Consumption
SC340: 17.6W(120V), 17.7W(240V)

SWITCHVIEW™ SC380

Mechanical

Height: 1.7" (43.2 mm)
Width: 17.0" (431.8 mm)
Depth: 9.2" (233.7 mm)
Weight: 6 lbs (2.7 kg)

Power

Typical Power Consumption
SC 380: 10.7W(120V), 10.9W(240V)
Maximum Power Consumption
SC380: 25W(120V), 25W(240V)

ALL MODELS

Environmental

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

Power

Operating Voltage: 100-240 VAC
Power Frequency: 50-60 Hz

Supported Hardware

Peripherals: Enhanced USB support

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

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

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- 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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