

SwitchView® SC100 & SC200 KVM Switches Enhance Physical Security



Proven and Secure Access for Any Environment

Proven secure technology separates Avocent solutions from the competition. The SwitchView SC200 switches include USB common access card (CAC) reader support. CAC support is required for all government employees attempting to log in to government systems. This requirement is specified in the Homeland Security Presidential Directive 12 (HSPD12). The SwitchView SC200 switches allow desktop IT administrators to only deploy a single CAC reader that will be switched to all computers connected to the switch.

The SwitchView SC100 and SC200 KVM switching solutions include USB and/or PS/2 peripheral and computer support. Both models include three layers of tamper-proof hardware security to enhance security at the desktop.

With the SwitchView SC KVM series proven technology, you can consolidate multiple workstations of varying security classification levels (such as unclassified, secret and top secret) with one keyboard, monitor and mouse – without compromising network security.



SwitchView SC100 and SC200 switching solutions provide enhanced security with three layers of tamper-proof hardware security. The SC200 switches add CAC support at the desktop.

SWITCHVIEW SC100 and SC200 SWITCHES BENEFITS

Security

- **CAC support:** USB Common Access Card (CAC) readers in the SwitchView SC200 switching series
- **Three layers of hardware security:**
 - 1. Tamper-evident tape:** A visual indication of an attempt to gain access to the internal components of the switch
 - 2. Chassis intrusion detection:** Prevents malicious tampering with the switch. If the cover is removed from the switch, the switch becomes inoperable and the LEDs flash
 - 3. Locked memory:** Prevents tampering and reprogramming of the firmware
- **Secure channels:** Two to four fully secure channels
- **Clears buffer:** Automatically clears the keyboard buffer immediately after data is transmitted through the switch, so no data is ever left in the switch

Certification

- NIAP Validation to EAL4+ in process

User

- SC100 and SC200 switches: Include USB and/or PS/2 peripheral and computer support
- SC220 and SC240 switches: Includes USB Common Access Card (CAC) reader support
- Provides VGA video resolution up to 2048x1536 @ 85Hz
- Space-saving design doubles as a monitor stand leaving zero footprint on the desktop

Specifications

MECHANICAL

Size: 1.72" (4.37 cm)H, 10.36" (26.31 cm)W, 5.68" (14.43 cm)D
Weight: 2.3 lbs (1.04 Kg)
Style: Desktop

ENVIRONMENTAL

Operating Temperature: 32 to 104 F (0 to 40 C)
Storage Temperature: 4 to 158 F (-20 to 70 C)
Humidity: 10% to 95% (Non-condensing)

POWER

Operating Voltage: 100-240 VAC
Power Frequency: 50-60 Hz autosensing
Input: .8A

SUPPORTED HARDWARE

Target Devices: IBM, Sun, PC/AT, USB, PS/2 and 100% compatibles
Monitors: VGA, SVGA, XGA, SXGA, UXGA, WVGA, WSVGA, WXGA, WSXGA, AND WUXGA
Maximum Resolution 2048x1536 @ 85Hz
Peripherals: USB and/or PS/2 keyboard, USB and/or PS/2 mouse

Standards

Approved Agency: CE, UL 60950-1, CSA C22.2 No 60950-1, EN 60950, FCC Part 15 Class B EN55022 Class B, EN55024m 61000-3-3, VCCI Class B, C-Tick CISPR22, ICES-003

Ordering Details

PART NUMBER	MODEL	DESCRIPTION
SC120-001	SwitchView SC120	1x2 SwitchView SC switch PS/2, USB & VGA, intrusion detection
SC140-001	SwitchView SC140	1x4 SwitchView SC switch PS/2, USB & VGA, intrusion detection
SC220-001	SwitchView SC220	1x2 SwitchView SC switch PS/2, USB & VGA, CAC reader support, intrusion detection
SC240-001	SwitchView SC240	1x4 SwitchView SC switch PS/2, USB & VGA, CAC reader support, intrusion detection

WARRANTY

Two Year

The SwitchView SC200 switches enhance security and add CAC support. CAC support allows desktop IT administrators to only deploy a single CAC reader that can be switched to all computers connected to the switch.

