Avocent Data Sheet

SwitchView SC DVI KVM Switch

Four or eight ports using PS/2 connections supporting VGA and DVI

The SwitchView® SC8 DVI switching system provides secure access and control to eight computers operating at different classification levels, all from one switch.

Switch Between Multiple Computers
Without Compromising Network Security

With the SwitchView SC DVI switching system from Avocent, you can safely switch between as many as eight computers operating at different classification levels, all from one keyboard, monitor and mouse. This switch features four or eight fully secure channels with over 60db isolation.connections. The SC8 DVI also supports two monitors and provides the highest video resolution available in a secure KVM switch: 2560x1600 @ 60 Hz.

The SwitchView SC KVM switching system is the only KVM switching system to achieve international NIAP agency approval. It is NIAP Common Criteria validated to EAL 4+. The SwitchView SC DVI switch allows you to increase the number of security levels you can monitor. You literally have secure access and control right at your fingertips.

Benefits

- **Agency Approval.** NIAP Common Criteria validated to EAL 4+. Specifically designed for secure environments.

- **Dual Head DVI-I Video.** Each of the secure channels supports dual head DVI-I video connections to provide the highest video resolution available in a secure KVM switch. DVI-I video connections support digital or analog video. (SC8 DVI only)

- **Custom-Designed Firmware.** Includes encrypted internal firmware made in the U.S.

- **Standard PS/2 Protocol.** Standard PS/2 protocol is maintained to avoid the possibility of any external device detecting the presence of the SwitchView switch.

- **Clears Buffer.** Automatically clears the keyboard buffer immediately after data is transmitted through the switch, so no data is ever left in the switch.

- **Controlled KVM Switching.** Switch safely between computers operating at different classification levels without compromising network security. Separate I/O processors control KVM switching and access to computers.

- **Superior Secure Channel Isolation.** Keyboard, mouse and DVI digital video signals are channel isolated to 60dB.

EMERSON
Network Power

ORDERING DETAILS

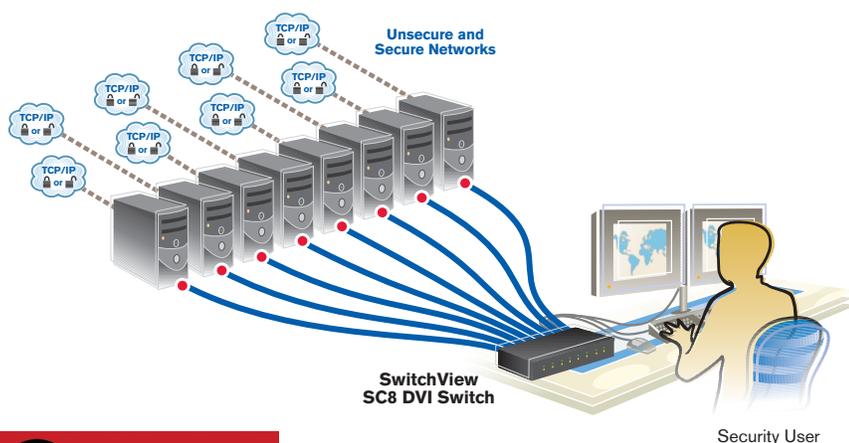| PART NUMBER	DESCRIPTION
SC8PDV -XXX	NIAP certified 8-port secure KVM switch with PS/2 and dual head DVI or VGA support
SC4PDV -XXX	NIAP certified 4-port secure KVM switch with PS/2 and DVI or VGA support
CABLES	
CBL0021	PS/2 keyboard, PS/2 mouse and dual DVI-I video cable – 6 ft.
CBL0022	PS/2 keyboard, PS/2 mouse and dual DVI-I video cable – 15 ft.
CBL0023	PS/2 keyboard, PS/2 mouse and single DVI-I video cable – 6 ft.
CBL0024	PS/2 keyboard, PS/2 mouse and single DVI-I video cable – 6 ft.
USBIAC-15	15-foot USB CAT-5 integrated access cable
ACCESSORIES	
RMK-43	19-inch rack-mount kit
VAD-27	Male DVI-I to female HD15 VGA video adapter
VAD-28	Female DVI-I to male HD15 VGA video adapter
VAD-29	DVI-I to DVI-D adapter

For country-specific availability, please contact an Avocent sales representative.

The NIAP Common Criteria certified SwitchView SC8 DVI switch supports eight secure channels, dual DVI-I video connections and lets you safely switch between computers operating at different classification levels, all from one keyboard, monitor and mouse.

Unsecure and
Secure Networks

SwitchView
SC8 DVI Switch

Security User

Common Criteria ®

Specifications

SC8PDV
Mechanical
Size: 3.5 in. (8.9 cm)H, 17.2 in. (43.7 cm)W, 10.75 in.(27.3 cm)D
Weight: 9.5 lbs (4.3 Kg)
Power
Operating Voltage: 100-230 VAC
Power Frequency: 50-60 Hz
Input: 20W

SC4PDV
Mechanical
Size: 1.75 in. (4.44 cm)H, 11 in. (27.94 cm)W, 11in. (27.94 cm)D
Weight: 4.9 lbs (2.2 Kg)
Power
Operating Voltage: 100-240 VAC
Power Frequency: 50-60 Hz
Input: 60W

SC8PDV & SC4PDV
Environmental
Operating Temperature: 41° to 104° F (5° to 40° C)
Storage Temperature: -4° to 122° F (-20° to 50° C)

Supported Hardware
Computers: IBM® PC/AT, PS/2 and 100% compatibles
Video Modes: Dual head DVI-I, VGA, SVGA, XGA, SXGA, UXGA and QXGA with adapters. Each DVI-I digital video connection supports up to 330 mega pixels/second (dual link)
Maximum resolution: 2560x1600 at 60 Hz per DVI-I connector
Peripherals: PS/2 keyboard, PS/2 mouse, Microsoft® IntelliMouse® (PS/2 only)

Warranty
Two Years

GSA Number
GS-35F0264K

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