

KVM Products



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SwitchView PC KVM Switch

The Avocent SwitchView PS/2 KVM desktop switches are a perfect buy for small offices and home offices. This affordable KVM switch adds both control and flexibility to your desktop. The SwitchView PS/2 KVM switch lets you control two or four PS/2 computers from one keyboard, monitor and mouse, adding valuable desktop space for other peripherals.

Features and Benefits

- Compact, space-saving KVM switches eliminates desktop clutter
- Supports two PS/2 computers
- 2048 x 1536 VGA resolution ideal for desktop graphical applications
- Push-button or keyboard hotkeys for channel selections
- Auto scanning allows easy monitoring of attached computers
- Easily add computers without powering down the KVM switch or attached computers
- No additional power supply required
- Error free boot up with keyboard and mouse emulation
- Backed by Avocent 2 year warranty and technical support



2 Port	2SVP10-201
4 Port	4SVP10-201
6ft PS/2 Cable	SVP-6
9ft PS/2 Cable	SVP-9



KVM Products

SwitchView MM2 KVM Switch

The all-in-one Avocent SwitchView multimedia desktop 2 and 4-port KVM switch lets you switch between USB or PS/2 systems, share your USB devices and control multimedia applications. The SwitchView MM2 model provides independent switching for KVM and two USB 2.0 hub ports. digital camera, CD ROM, PDA, scanner or printer.

Features and Benefits

- Multi-platform USB or PS/2 system support
- Integrated USB hub for sharing USB peripherals/devices
- Audio feature share speakers and a microphone
- 2048 x 1536 high VGA resolution ideal for desktop graphical applications
- Auto scanning allows easy monitoring of attached computers
- Easily add computers without powering down the KVM switch or attached computers
- Error free boot up with keyboard and mouse emulation
- Backed by Avocent 2 year warranty and technical support



2 Port	2SVPUA20-201
4 Port	4SPPUA20-201
6ft PS/2/USB Cable	SVUSB-6
9ft PS/2/USB Cable	SVUSB-9



KVM Products

SwitchView IC KVM Switch

SVM200-EU

The Avocent SwitchView IC KVM switch eliminates cable bulk by combining a KVM switch and built-in 2.4m cable into a single unit. Easy installation lets you quickly control multiple computers from a single keyboard, monitor and mouse using a hotkey sequence or by pushbuttons. The SwitchView IC switching system also supports larger monitors with higher video resolutions and refresh rates.

Features and Benefits

- Eliminates cable bulk - combines KVM switch and built-in 2.4m cable into a single, compact design
- No extra components or external power supply required
- Easy installation quickly controls multiple computers with one set of peripherals
- Supports larger monitors with higher video resolutions and refresh rates
- Supports video resolutions of 2048x1536 @ 85Hz to accommodate larger monitors



SwitchView IP 1020 Device

SVIP1010-201

The Avocent SwitchView® IP 1020 remote access device includes an on-board Web interface that gives small to medium size businesses convenient, secure, browser-based access to existing KVM switches and servers.

Features and Benefits

- Simple, browser-based, remote access to your KVM switches and servers
- Standard TCP/IP connectivity
- BIOS-level access to your servers
- Secure, user-selectable remote KVM connections supporting
 - DES, 3DES, AES and 128bit SSL encryption
 - No software agent or drivers required
- Local KVM port supporting additional access at the rack accommodate larger monitors



AutoView 2000 KVM Switch

Avocent AutoView 2000 16-port, dual user KVM switch provides PS/2, USB, Sun and serial connectivity, advanced cabling options, flexible access and a next-generation user interface in one switching solution.

Features and Benefits

- The AutoView 2000 switch server interface modules and integrated access cables automatically assign and retain unique server names, which simplifies installation and eases re-configuration. With advanced cable management and flexible access for two simultaneous users, the AutoView 2000 switching system is an ideal solution for today's small office and mid-sized business networking environments
- Integrated access cables offer PS/2 or USB keyboard, video and mouse connectivity in one, slim CAT 5 cable, which reduces cable bulk, saves time and reduces cost.
- Server interface modules support all major server platforms and VT100 serial-based devices.
- Provides two simultaneous local users with access to 16 PCs and network devices.
- Advanced on-screen management provides easy configuration and server selection.
- BIOS-level access ensures connection to the attached servers regardless of the health or type of operating system.
- A space-saving 1U rack mount design.
- Flash-upgrades firmware for fast and easy updates for appliances and server interface modules.
- Keep Alive power safeguard allows attached servers to continue network functions in the event of power failure to the AutoView switch



2 local users, 16 port KVM Switch with GUI

Virtual Media, Server interface Module for USB 2.0

Server interface Module for PS/2

Server interface Module for USB

Server interface Module for SUN

10ft PS/2 integrated access cable

10ft USB integrated access cable

19" rack mount kit

AV2000-210
 DSAVIQ-USB2
 AVRIQ-PS2
 AVRIQ-USB
 AVRIQ-VSN
 PS2IAC-10
 USBIAC-10
 RMK-38



AutoView 2000R KVM Switch

All-in-one 16-port switches combine the best of both worlds! Avocent's latest AutoView switches combine analogue and IP-based KVM switching for local access from anywhere in the data centre and IP-based access for extended or remote users. The AutoView 2000R adds the convenience of a local user and simultaneous access for two IP-based users. AutoView 2000R includes AVWorks management software. AVWorks supports a wide variety of operating systems and features wizard-based installation and context sensitive on-line help. With AVWorks, users have access to any connected server in the network from any location, so distance limitations are eliminated. The latest version of AVWorks software supports configurable encryption levels; and the video viewer feature allows users to specify the connection speed to an appliance. Users also gain faster SSL connections and improved auto-discovery for connected appliances.

Features and Benefits

- All CAT 5 cabling reduces cable bulk
- Operational in minutes with wizard-based installation
- Flexible access for local, extended and remote IP-based users
- Multi-platform support: PS/2, Sun and USB servers
- Support for serial-based devices
- Flash upgrades for fast and easy updates
- Keep Alive maintains server functions in the event of power failure to the switch
- Switch-based authentication with password protection to each attached server
- Multi-level security with 128bit encryption
- Convenient on-screen GUI display provides real-time system status at the rack
- Advanced administration tools for setting permissions and access rights
- Configurable encryption levels allows the AutoView 1000R/2000R appliance to negotiate an acceptable encryption level with the AVWorks client via SSL
- Enhanced auto-discovery feature provides simultaneous access to multiple connected appliances based on assigned IP addresses
- Fast SSL connections for appliance management sessions, video viewer sessions and scan mode sessions



KVM Products

**1 local user, 2 digital users, 16 port KVM Switch, inc AVWorks
Virtual Media, Server interface Module for USB 2.0**

AV2000R-210
DSAVIQ-USB2

Server interface Module for PS/2

AVRIQ-PS2

Server interface Module for USB

AVRIQ-USB

Server interface Module for SUN

AVRIQ-VSN

10ft PS/2 integrated access cable

PS2IAC-10

10ft USB integrated access cable

USBIAC-10



DSR1030 KVM Switch

The 16-port one digital path DSR®1030 KVM over IP switch gives administrators virtual media capability through DSView® 3 software as well as all the features of the DSR1020. Administrators can remotely load software by mapping a local removable media or mass storage device to a remote server. This allows file transfers, application and OS patches, and diagnostic testing from a CD. For easy access to network devices, the DSR1030 switch USB ports allows you to remotely power cycle connected devices and external modem support – even when the network is down. DSView® 3 management software, with hub and spoke architecture, provides failover authentication. Users authenticate to a central management server (the hub) or one of 15 mirror servers (the spokes). SNMP and IPMI support are also provided.

Features and Benefits

- 16-port Digital-Analog KVM over IP Switch
- Compact, KVM over IP appliance integrates KVM, an external modem and power control in one solution
- Includes five USB 2.0 local ports
- Local and remote access for at the rack and remote data centre management
- Required login at the local port for increased security
- Provides access to an unlimited number of servers or serial devices, no matter their location
- Includes 16 configurable ports for maximum flexibility when connecting to servers or serial devices
- Offers IT administrators the ability to dial into a remotely located server or serial device
- Virtual media capability allows remote loading of software for file transfers, application and OS patches and diagnostic testing
- DSView 3 management software, with hub and spoke architecture, provides failover authentication
- Remotely reboot the server to the BIOS level or even power cycle remote devices --- all from a single DSView 3 software interface
- Uses the same management interface for the data centre and the branch offices
- Designed for multi-platform servers, including PS/2, Sun and USB
- DSView advanced security includes audit logs and the ability to assign individual user rights



**1 local user, 1 digital users, 16 port
KVM Switch with Virtual Media capability**

DSR1030-201

**DSView 3 Portfolio B – 1 Hub/I Spoke/
5 Users- includes one year maintenance**

DSV3-SW

**Virtual Media, Server interface
Module for USB 2.0**

DSAVIQ-USB2

Server interface Module for PS/2

DSRIQ-PS2

Server interface Module for USB

DSRIQ-USB

Server interface Module for SUN

DSRIQ-VSN



DSR2035 KVM Switch

KVM over IP switch with BIOS-level control of all connected servers and serial-based devices in your data centre – scalable for future growth.

The 32-port two digital path DSR@2035 KVM over IP switch features on-board Web browser support allowing direct access to target devices without additional software. This is a benefit for companies who want an easily scalable system. DSView 3@ management software can be added later as the system grows. Adding DSView 3 software that features virtual media allows administrators to remotely load software by mapping a local removable media or mass storage device to a remote server. This allows file transfers, application and OS patches, and diagnostic testing from a CD.

DSView 3 management software, with hub and spoke architecture, provides failover authentication. Users authenticate to a central management server (the hub) or one of 15 mirror servers (the spokes). SNMP and IPMI support are also provided.



Features and Benefits

- 32-port KVM over IP Switch featuring 2 digital paths
- Compact, KVM over IP appliance integrates KVM, an external modem and power control in one solution
- Includes five USB 2.0 local ports and two SPC power management
- Includes dual network interfaces for failover redundancy
- Local and remote access for at the rack and remote data centre management
- Requires login at the local port for increased security
- Provides access to an unlimited number of servers or serial devices, no matter their location
- Includes 32 configurable ports for maximum flexibility when connecting to servers or serial devices
- Offers IT administrators the ability to dial into a remotely located server or serial device
- Designed for multi-platform servers, including PS/2, Sun and USB



2 digital users, 32 port KVM over IP Switch

DSR2035-201

**DSView 3 Portfolio B – 1 Hub/I Spoke/
5 Users- includes one year maintenance**

DSV3-SW

**Virtual Media, Server interface
Module for USB 2.0**

DSAVIQ-USB2

Server interface Module for PS/2

DSRIQ-PS2

Server interface Module for USB

DSRIQ-USB

Server interface Module for SUN

DSRIQ-VSN



DSView® 3 management software --- The secure solution for managing every device in your data center from a single interface.

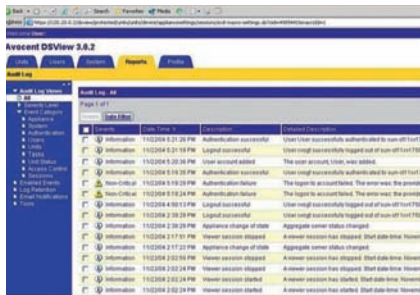
You control your entire network with Avocent DSView 3 management software used in conjunction with Avocent DS Series appliances. DSView 3 software is a single, secure interface that lets you tame complexity, manage growth and keep critical systems healthy and available.

The DSView 3 software unique "hub and spoke" architecture assures you of little or no downtime. It provides redundancy with backup/failover capabilities. You maintain accurate user permission rights and detailed event logs across multiple sites and user groups. Real-time email and pager notification, and SNMP traps are added benefits.

With DSView 3 management software and a DSRxx3x switch, you gain the time-saving features of Virtual Media. You can literally sit in your chair and conduct remote file loading and diagnostic testing from a USB device. No more walks to the data center.

Compliance issues are addressed with detailed reporting solutions that include event logs to record who accessed what and when. Security is also enhanced because DSView 3 software is the only interface you need to access and control your servers and network devices. Selectable encryption modes give you options to match your security policy, including a video encryption mode. Virtual media supports physical security by reducing traffic to the data center. Administrators can remotely load software by mapping a local removable media or mass storage device to a remote server.

With DSView 3 management software, you can customize the interface to manage servers and network devices based on location, operating system, department, application, or other custom categories. At your desk, across the hall or anywhere in the world, you can configure, manage, upgrade and backup any device in your data center, all from a single interface.



The screenshot displays the Avocent DSView 3.0.2 interface with a log of events. The log table is as follows:

Event ID	Time	Event Description	Event Description
Information	11/21/04 4:21:28 PM	Authentication successful	User login successfully, authorized to run off host
Information	11/21/04 4:21:18 PM	Logout successful	User login successfully, logged out of system
Information	11/21/04 4:20:34 PM	User account added	The user account, User, was added.
Information	11/21/04 4:19:38 PM	Authentication successful	User login successfully, authorized to run off host
Non-Critical	11/21/04 4:19:28 PM	Authentication failure	The login to account failed. The error was: the password
Non-Critical	11/21/04 4:18:24 PM	Authentication failure	The login to account failed. The error was: the password
Information	11/21/04 4:00:17 PM	Logout successful	User login successfully, logged out of system
Information	11/21/04 2:38:28 PM	Logout successful	User login successfully, logged out of system
Information	11/21/04 2:38:28 PM	Appearance change of state	Aggregate server status changed.
Information	11/21/04 2:17:10 PM	Viewer session stopped	A viewer session has stopped. Start date time: November
Information	11/21/04 2:17:23 PM	Appearance change of state	Aggregate server status changed.
Information	11/21/04 2:02:54 PM	Viewer session stopped	A viewer session has stopped. Start date time: November
Information	11/21/04 2:02:24 PM	Viewer session stopped	A viewer session has stopped. Start date time: November
Information	11/21/04 2:02:24 PM	Viewer session started	A viewer session has started. Start date time: November

