# AutoView®
## Simpler KVM access and virtual media support for midsize data centers

AutoView KVM Switches

# SIMPLER
# KVM Switching



*AutoView 2020 and AutoView 2030 KVM switches with server interface module for local virtual media*

You can enjoy simpler KVM switching with local virtual media support, advanced cabling options and easier access to servers and other network devices in your midsize data center. With Avocent AutoView KVM switches, your choices have never been better.

AutoView KVM switching systems feature new advanced cabling options that let you manage PS/2, USB, Sun and serial devices from one solution. Integrated access cables provide keyboard, video and mouse connectivity in one, slim CAT 5 cable, which reduces cable bulk and saves time and money. A smart chip interface automatically assigns and retains unique server names for each attached server.

You can connect multi-platform servers to a single switch and configure servers at the rack with a user-friendly on-screen display (OSD). The convenient OSD lets you easily name and select your servers.

The AutoView 2020 and 2030 switches feature local virtual media for connecting USB media devices. With virtual media, you can transfer data that is stored on CDs, USB thumb drives, USB external hard drives or any other media source between targets.

## AutoView Switches at a Glance

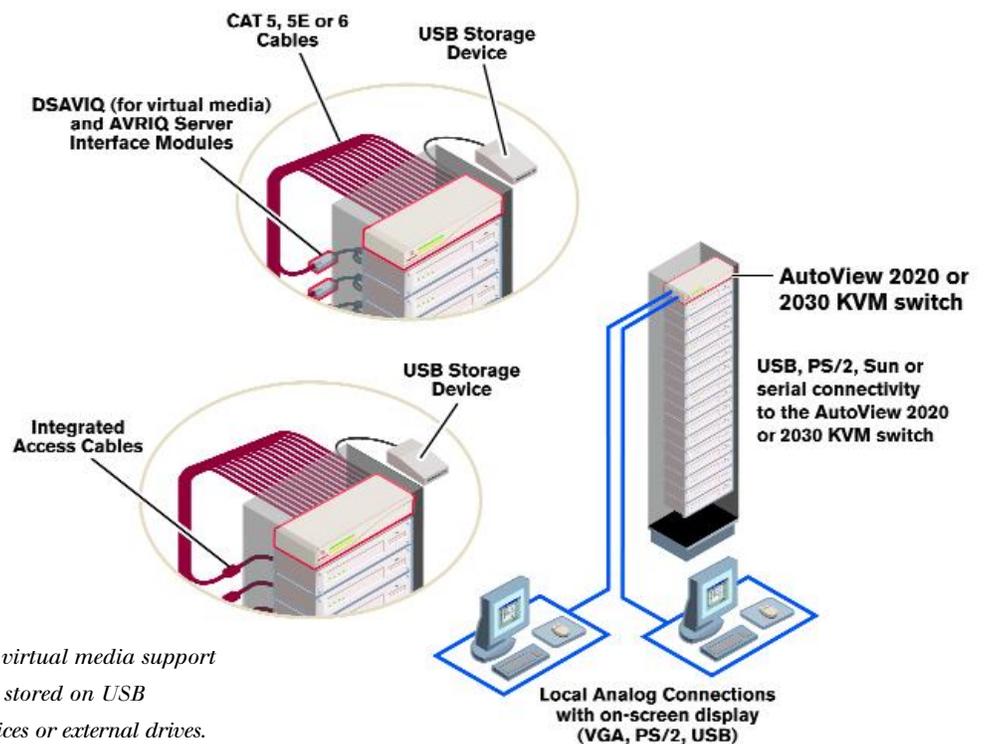| | Users | Servers | Platforms | Key Features |
|---|---|---|---|---|
| **AutoView 1400** | Single | 8 | PS/2, USB, Sun and Serial | Local access to multiple servers and serial devices |
| **AutoView 1500** | Dual | 8 | PS/2, USB, Sun and Serial | Simultaneous local access to multiple servers and serial devices |
| **AutoView 2000** | Dual | 16 | PS/2, USB, Sun and Serial | Simultaneous local access to multiple servers and serial devices |
| **AutoView 2020** | Dual | 16 | PS/2, USB, Sun and Serial | Local virtual media, local USB and PS/2 peripheral support |
| **AutoView 2030** | Dual | 16 | PS/2, USB, Sun and Serial | Local virtual media, local USB and PS/2 peripheral support |



*AutoView 1400, AutoView 1500, AutoView 2000, AutoView 2020, and AutoView 2030 KVM switches*

## AutoView 2020 and 2030 Switches with Local Virtual Media

AutoView 2020 and AutoView 2030 dual user 16-port KVM switches offer local virtual media support for midsize data centers. The AutoView switch's local virtual media lets you share a directly-connected USB storage device to all servers connected to a KVM switch. For example, IT administrators inside a data center or server room can connect a USB flash drive to the KVM switch, making it available to all targets without having to connect the flash drive to each individual server. This saves time when performing file transfers, applications and OS patches and diagnostic testing.

*AutoView 2020 and 2030 switches with local virtual media support solve the problem of transferring data that is stored on USB media devices, such as CDs, flash memory devices or external drives.*

# AutoView 2020 and 2030 Switches


*AutoView 2020 Switch*


*AutoView 2030 Switch*

The AutoView 2020 and AutoView 2030 switches feature local virtual media support, which helps you access CDs, USB external hard drives or any other media source. With flexible cabling options, you have a choice of integrated access cables or server interface modules that let you customize cable lengths. Either cabling option automatically assigns and retains unique server names for each attached server, which simplifies your installation and makes re-configurations easy.  You also benefit from the convenient on-screen display. Using the on-screen display, you can easily configure your system and quickly select servers.

**AutoView 2020 and AutoView 2030 KVM Switching Highlights**
· Local virtual media lets you easily share external USB devices.
· AutoView 2020 switch: Local virtual media capability available with a convenient upgrade purchase.
· AutoView 2030 switch: Comes equipped with local virtual media support for convenient access to USB devices.
· Server interface modules DSAVIQ-USB2 and DSAVIQ-USB2L are required for virtual media support.
· Provides you with connectivity to PS/2, USB, Sun and serial devices.
· Includes local PS/2 and USB keyboard and mouse support.
· **Two local users** gain simultaneous access to 16 PCs and network devices.
· Easily configure your system; name and select your servers from the convenient on-screen display.
· BIOS-level access ensures connection to your attached servers regardless of the health or type of operating system.
· A 1U rack mount design saves space.
· Flash-upgrade firmware gives you fast and easy updates for appliances and server interface modules.
· Keep Alive power safeguard allows your attached servers to continue network functions in the event of power failure to the AutoView switch.

# AutoView 1400 Switch


*AutoView 1400 Switch*

The Avocent **AutoView 1400** 8-port, single-user KVM switch provides you with PS/2, USB, Sun and serial connectivity in one solution. You have a choice of cable management with server interface modules or integrated access cables. A powerful on-screen display lets you conveniently configure your system and quickly select servers.

**AutoView 1400 Switch Highlights**
· Provides **one local user** with access to eight PCs and network devices.
· Integrated access cables offer PS/2 or USB keyboard, video and mouse connectivity in one, slim CAT 5 cable, which reduces cable bulk and saves you time and money.
· Server interface modules support major server platforms and VT100 serial-based devices.
· Easily configure your system; name and select your servers from the convenient on-screen display.
· BIOS-level access ensures connection to your attached servers regardless of the health or type of operating system.
· A 1U rack mount design saves space.
· Flash-upgrade firmware gives you fast and easy updates for appliances and server interface modules.
· Keep Alive power safeguard allows your attached servers to continue network functions in the event of power failure to the AutoView switch.

# AutoView 1500 Switch


*AutoView 1500 Switch*

The **AutoView 1500** 8-port KVM switch offers the flexibility required in small office and midsize business networking environments. Two local users have simultaneous access to eight PCs and network devices. Your cabling options include server interface modules or integrated access cables. Either cabling option automatically assigns and retains unique server names for each attached server. An on-screen display lets you easily configure your system and quickly select servers.

**AutoView 1500 Switch Highlights**
- Provides **two local users** with simultaneous access to eight PCs and network devices.
- Integrated access cables offer PS/2 or USB keyboard, video and mouse connectivity in one, slim CAT 5 cable, which reduces cable bulk and saves you time and money.
- Server interface modules support major server platforms and VT100 serial-based devices.
- Easily configure your system; name and select your servers from the convenient on-screen display.
- BIOS-level access ensures connection to your attached servers regardless of the health or type of operating system.
- A 1U rack mount design saves space.
- Flash-upgrade firmware gives you fast and easy updates for appliances and server interface modules.
- Keep Alive power safeguard allows your attached servers to continue network functions in the event of power failure to the AutoView switch.

# AutoView 2000 Switch


*AutoView 2000 Switch*

With advanced cable management and simultaneous access for two local users, the **AutoView 2000** 16-port KVM switching system is an ideal solution for your small office and midsize business networking environments. The AutoView 2000 switch and cabling solutions support PS/2, USB, Sun and serial connectivity.  The on-screen display lets you easily configure your system and quickly select servers.  Server interface modules or integrated access cables automatically assign and retain unique server names for each attached server. You experience a simple installation and easy re-configurations.

**AutoView 2000 Switch Highlights**
- Provides **two local users** with simultaneous access to 16 PCs and network devices.
- Integrated access cables offer PS/2, Sun or USB keyboard, video and mouse connectivity in one, slim CAT 5 cable, which reduces cable bulk and saves you time and money.
- Server interface modules support major server platforms and VT100 serial-based devices.
- Easily configure your system; name and select your servers from the convenient on-screen display.
- BIOS-level access ensures connection to your attached servers regardless of the health or type of operating system.
- A 1U rack mount design saves space.
- Flash-upgrade firmware gives you fast and easy updates for appliances and server interface modules.
- Keep Alive power safeguard allows your attached servers to continue network functions in the event of power failure to the AutoView switch.

## Switch Specifications

| AutoView 1400/1500/2000 Switches | | | | |
|---|---|---|---|---|
| **MECHANICAL** | **HEIGHT** | **WIDTH** | **DEPTH** | **WEIGHT** |
| AV1400-001 | 1.75 in. (4.45 cm) | 17.00 in. (43.18 cm) | 11.00 in. (27.94 cm) | 8 lbs. (3.6 kg) |
| AV1500-001 | 1.75 in. (4.45 cm) | 17.00 in. (43.18 cm) | 11.00 in. (27.94 cm) | 8 lbs. (3.6 kg) |
| AV2000-AM | 1.75 in. (4.45 cm) | 17.00 in. (43.18 cm) | 11.00 in. (27.94 cm) | 8 lbs. (3.6 kg) |
| **ENVIRONMENTAL** | | | | |
| Operating Temp | 50 to 122 F (10 to 50 C) | | | |
| Storage Temp | -4 to 140 F (-20 to 60 C) | | | |
| **POWER** | | | | |
| Operating Voltage | 100 - 240 VAC Autosensing | | | |
| Power Frequency | 50/60 Hz | | | |
| Input | 40 W Maximum | | | |
| **SUPPORTED HARDWARE** | | | | |
| Computers | IBM PC/AT, PC and 100% compatibles | | | |
| Monitors | XGA, XGA-II with adapter, 1600 x 1280 @ 75 Hz resolution | | | |
| Peripherals | PC keyboard, PC mouse, Microsoft Explorer mouse, Microsoft IntelliMouse family, IBM Scrollpoint, Logitech Mouseman Wheel, Logitech Trackman Marble Wheel, Logitech Marble FX and Kensington 4-button mouse | | | |
| **STANDARDS** | | | | |
| Approved Agency | UL FCC Class A, cUL, ICES Class A, CE, N, GS, IRAM, GOST, VCCI, Class A, MIC Class A, C-Tick | | | |

| AutoView 2020/2030 Switches | | | | |
|---|---|---|---|---|
| **MECHANICAL** | **HEIGHT** | **WIDTH** | **DEPTH** | **WEIGHT** |
| AV2020-001 | 1.75 in. (4.45 cm) | 17.00 in. (43.18 cm) | 11.00 in. (27.94 cm) | 8 lbs. (3.6 kg) |
| AV2030-001 | 1.75 in. (4.45 cm) | 17.00 in. (43.18 cm) | 11.00 in. (27.94 cm) | 8 lbs. (3.6 kg) |
| **ENVIRONMENTAL** | | | | |
| Operating Temp | 32 to 122 F (0 to 50 C) | | | |
| Storage Temp | -4 to 140 F (-20 to 60 C) | | | |
| **POWER** | | | | |
| Operating Voltage | 100 - 240 VAC Autosensing | | | |
| Power Frequency | 50/60 Hz | | | |
| Input | 40 W Maximum | | | |
| **SUPPORTED HARDWARE** | | | | |
| Computers | IBM PC/AT, PC and 100% compatibles | | | |
| Monitors | Analog Port Maximum 1280 x 1024 @ 75 Hz | | | |
| Peripherals | PC keyboard, PC mouse, Microsoft Explorer mouse, Microsoft IntelliMouse family, IBM Scrollpoint, Logitech Mouseman Wheel, Logitech Trackman Marble Wheel, Logitech Marble FX and Kensington 4-button mouse | | | |
| **STANDARDS** | | | | |
| Approved Agency | UL, FCC, cUL, ICES, CE, N, GS, IRAM, GOST, VCCI, MIC, C-Tick | | | |

## Ordering Information

### SWITCHES

**AutoView 1400 Switch**

| AV1400-001 | 8-port, single user, KVM switch with on-screen display |
|---|---|

**AutoView 1500 Switch**

| AV1500-001 | 8-port, dual user, KVM switch with on-screen display |
|---|---|

**AutoView 2000 Switch**

| AV2000-AM | 16-port, dual user, KVM switch with on-screen display |
|---|---|

**AutoView 2020 Switch**

| AV2020-001 | 16-port, dual user, PS2/USB KVM switch with on-screen display. Virtual media upgrade required |
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**AutoView 2030 Switch**

| AV2030-001 | 16-port, dual user, PS2/USB KVM switch with on-screen display. Includes virtual media |
|---|---|

### ACCESSORIES

| AV2020VMU | AutoView 2020 virtual media firmware upgrade |
|---|---|

### CABLES

| PS2IAC-7 | 7 feet PS/2 CAT 5 integrated access cable |
|---|---|
| PS2IAC-10 | 10 feet PS/2 CAT 5 integrated access cable |
| PS2IAC-15 | 15 feet PS/2 CAT 5 integrated access cable |
| USBIAC-7 | 7 feet USB CAT 5 integrated access cable |
| USBIAC-10 | 10 feet USB CAT 5 integrated access cable |
| USBIAC-15 | 15 feet USB CAT 5 integrated access cable |
| AVRIQ-PS2 | P/S2 server interface module |
| AVRIQ-USB | USB server interface module |
| AVRIQ-SRL | Serial interface module (extended version) |
| AVRIQ-VSN | Sun server interface module |
| DSAVIQ-USB2 | Server interface module for USB 2.0 with 14 inch cable (required for virtual media) |
| DSAVIQ-USB2L | Server interface module for USB 2.0 with 20 inch cable (required for virtual media (extended version) |

# SIMPLER
# KVM Switching



## AutoView 1400

Single-user KVM switch, easily controls up to eight PCs and network devices.



## AutoView 1500

Flexible simultaneous access for two local users with this 8-port KVM switch.



## AutoView 2000

Dual user, 16-port KVM switch supports PS/2, USB, Sun and serial connectivity.



## AutoView 2020 and AutoView 2030

Dual user 16-port KVM switches offer local virtual media support for small and midsize data centers and provide connectivity to PS/2, USB, Sun and serial devices.

## About Avocent

Avocent is the leading global provider of KVM switching and network connectivity solutions with more than two decades of experience in providing KVM switching, remote access and serial connectivity solutions. KVM switching systems eliminate the need for extra keyboards, monitors and mice and allow businesses to save critical space on the desktop, in racks and in data centers.

Avocent KVM and related solutions are installed in home offices, small businesses, Fortune 100 companies and other client sites around the world. Customers include Microsoft Corp., Intel, HP, Dell, Time Warner, GE, Exxon Mobile, FedEx and Home Depot, among others.

Avocent stock is traded as AVCT on the NASDAQ Stock Market. More information on Avocent is available at **www.avocent.com.**



The Power of Being There®

**DATA CENTER SOLUTIONS**

*Our customers turn to us for productivity improvements in the data center. TPI's expertise guarantees your IT data center project will be successful: on time, on budget and meet your ROI requirements.*

*TPI's data center experts provide:*

✓ *KVM over IP solutions*

✓ *Out-of-band console management*

✓ *Enhanced security and Sarbanes-Oxley compliance*

✓ *Comprehensive environmental assessments*

✓ *Power management*

✓ *Console and command center solutions*

✓ *LAN cabinets and server racks*

✓ *Tech-benches and media storage*

✓ *Asset tracking*

✓ *Backup tape products*

✓ *Compliance Vault e-mail archiving*

✓ *Comprehensive supply programs*

*TPI can share best practices in data center management. Our expertise allows you to shorten your learning curve and increase your IT productivity.*

**Product specification sheet provided by TPI**

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