



Dell DAV KVM Server Console Switch

The Dell™ DAV2108 and DAV2216 server console switches (SCS) help conserve space in your data center and reduce cable clutter. The KVM switch is the first of its kind to offer the customer an upgrade path to remote server management via a hardware licensing key called the **Remote Access Key**, allowing access from anywhere at any time.

Simplify your Server Management

Uninterrupted access to your data center simplifies server management and reduces downtime costs. The Dell DAV2108 and Dell DAV2216 switches easily enable control of multiple servers from a single console. SCS Virtual Media support allows servers to access storage media attached to the KVM, enabling out-of-band file transfers and OS patch deployments. With SCS, you can also:

- Connect devices with four USB 2.0 ports and up to 16 Analog Rack Interface (ARI) ports to access servers
- Manage your enterprise with two local paths (video head and Analog Console Interface (ACI))
- Quickly mount the SCS in the rack without tools thanks to the Dell™ ReadyRails™ mounting interface
- Enforce multi-factor authentication over USB and Ethernet with the Common Access Card (CAC) capability for smart cards.

With the optional Remote Access Key plugged into one of the four USB ports, you can:

- Provide secure encrypted remote access thru Avocent DSView™ Management Software or the On-Board Web Interface (OBWI) with any Internet browser.
- Install software and perform upgrades for your data center remotely from any authenticated IP connection with the DMPUIQ-VMCHS SIP
- Remotely manage multiple heterogeneous servers through a single interface

Maximum Connectivity

The Dell KVM server console switches have eight (8) or sixteen (16) ARI ports for connecting to Server Interface Pods (SIPs) attached to servers. The Dell KVM SCS is compatible with the DMPUIQ-VMCHS, DSAVIQ-PS2M SIPs and the low cost DPS2IAC-10 and DUSBIAC-10.

CAC support with the DMPUIQ-VMCHS, with encryption for smart cards and password protection for local users, provides security you can depend on for your virtual media sessions. Encryption options include 128-bit SSL, AES, DES and 3DES and they can be selected for keyboard, mouse and video signals and virtual media sessions.

Easy to Manage

The Dell KVM SCS can manage your data center using the On-Board Web Interface (OBWI) or Avocent DSView™ management software.

Flash upgrades can be initiated through the OBWI to ensure your SCS and SIPs are always running the most current firmware version available. With the optional Remote Access Key, the OBWI launches directly from the switch using a web browser, and any servers connected to the SCS are automatically detected. Also, OS patches and upgrades can be made from anywhere using virtual media.

Flexible and Scalable

The Dell KVM SCS solution can scale as your business grows, managing up to 256 servers when tiered with additional switches. SCS can provide seamless integration with remote access anytime and anywhere when combined with the Remote Access Key option.

The KVM Server Console Switch is the first of its kind to offer the customer an upgrade path to remote server management via a hardware licensing key.

Peace of Mind

Toolless installation for 1U rack mounting is enabled with the Dell ReadyRails™ interface. The KVM SCS can mount in the front or back of the rack. The optional 0U mounting bracket (DRMK-76) provides flexibility in installing the switch into the racks.

	DAV2216	DAV2108
Form Factor	1U or 0U rack mount (with optional brackets)	
Dimensions	1.72 x 17.00 x 9.20 in. (Height x Width x Depth)	
Weight	7.0 lb (3.2 kg)	6.6 lb (3.0 kg)
Device Connectors	<ul style="list-style-type: none"> • 16 ARI ports for servers or serial devices • 2 ports for power distribution units • 4 USB 2.0 ports 	<ul style="list-style-type: none"> • 8 ARI ports for servers or serial devices • 4 USB 2.0 ports
Remote Access	1 remote user w/ Remote Access Key option 10/100 Mbps Ethernet port	
Local Access	2 local ports	1 local video port with USB for keyboard/mouse 1 ACI port for tiering to another KVM
VM/CAC Support	Virtual Media support over USB Common Access Card (CAC) capability for smart cards 128-bit SSL, AES, DES and 3DES encryption	
Features Include	Agentless control and access for 1 remote user w/ the Remote Access Key Single-stack IPv4 or IPv6 access Flash-upgradeable firmware for SCS and SIPs	
Video Support	Analog VGA, SVGA, and XGA 16:10 widescreen, up to 1680 x 1050 4:3 standard, up to 1600 x 1200	
Management Software	OSCAR™ On-Screen Display for local access OBWI w/ Remote Access Key option Compatible with Avocent DSView™ management software w/ Remote Access Key option	
Rack Support	ReadyRails™ static rails for toolless 1U mounting in 4-post racks with square or unthreaded round holes or tooled mounting in 4-post threaded and 2-post (Telco) racks	
Power Supplies	1 power supply unit	
Power Supply Specifications	Connector: IEC C14 Type: Internal Power: 18W Heat dissipation: 47 BTU/hr AC input range: 00 - 240 VAC AC frequency: 50/60 Hz auto-sensing AC input current rating: 5 A AC input power (maximum): 20W	
Environmental	Operating: 32 to 122 degrees Fahrenheit (0 to 50 degrees Celsius) Non-operating: -4 to 158 degrees Fahrenheit (-20 to 70 degrees Celsius) Airflow is from non-port side (Front) to port side (Back)	
Supported SIPs	Multi-platform support: PS/2 (DSAVIQ-PS2M) and USB (DMPUIQ-VMCHS) or low cost options PS/2 (DPS2IAC-10) and USB (DUSBIAC-10). Also support for Avocent PS/2, PS2M, USB, Sun, USB2, VMC modules; Dell PS/2, USB, USB2-VM, USB2-VM+CAC SIPs	

