Dell EMC DAV KVM Server Console Switch

The Dell EMC 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 EMC DAV2108 and 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 per local console and up to 16 Analog Rack Interface (ARI) ports to access servers

- Manage your enterprise with two local paths, video interface and Analog Console Interface (ACI).

- Quickly mount the SCS in the rack without tools using the Dell EMC 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 through 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 EMC KVM SCS have eight (8) or sixteen (16) ARI ports for connecting to Server Interface Pods (SIPs) attached to servers. The Dell EMC KVM SCS is compatible with the DMPUIQ-VMCHS and DSAVIQ-PS2M SIPs as well as 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 EMC 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. 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 EMC 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.

Easy to Install

Toolless installation for 1U rack mounting is enabled with the Dell EMC ReadyRails™ interface. The KVM device can mount in the front or back of the rack. A 0U mounting bracket (DRMK-76) can be used for vertical installation.

MFG Part Number	DAV2216		DAV2108	
Dell EMC Part Numbers	Americas	A7546777	Americas	A7546776
	EMEA	A7485896	EMEA	A7485895
	APJ	450-ADZZ	APJ	450-ADZM
Form Factor	1U or 0U rack mount (with optional DRMK-76 bracket)			
Dimensions	**Unit:** 1.7 x 17 x 9.2 in. (Height x Width x Depth); **Shipping Package:** 9.25 x 23 x 15 in. (Height x Width x Depth)			
Unit Weight	7.0 lb (3.2 kg)		6.6 lb (3.0 kg)	
Packaged Weight	16 lbs (7.3 kg)		13.8 lbs (6.3 kg)	
Device Connectors	• 16 ARI ports for servers or serial devices • 8 USB 2.0 ports		• 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 ACI port for tiering to another KVM		1 local video port 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	Single-stack IPv4 or IPv6 access Flash-upgradeable firmware for KVM 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 Supply Specifications	Single internal power supply Connector: IEC C14 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° F (0° to 50° C); Non-operating: -4 to 158° F (-20° to 70° C) 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			
Warranty	3-year advanced replacement; Silver and Gold upgrades to 4 or 5-years available in most regions			
TAA Compliant	Yes		Yes	

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