Simply Better Connections

CS1716A

16-Port PS/2-USB VGA KVM Switch with Daisy-Chain Port and USB Peripheral Support



The CS1716A KVM switch is a control unit that allows access to multiple computers from a single PS/2 or USB console (keyboard, mouse, and monitor). A single CS1716A can control up to 16 computers. As many as 31 additional switches can be daisy-chained to each other, so that up to 512 computers can all be controlled from a single keyboard-monitor-mouse console. Additionally, a front panel USB port is available for each computer to access any peripherals connected to it on a one-at-a-time basis.

Features

- One USB-PS/2 console controls up to 16 computers
- Daisy-chain up to 31 additional units - control up to 512 computers from a single console
- Front accessible USB port allows each computer to access USB peripherals*
- Dual Interface - supports computers and console with PS/2 or USB keyboards and mice
- Multiplatform support - Windows, Linux, Mac and Sun
- Video DynaSync™ - stores the console monitor's EDID (Extended Display Identification Data) to optimize display resolution
- Supports USB keyboards for PC, Mac and Sun
- Auto PS/2 and USB interface detection
- USB / PS/2 keyboard and mouse emulation - computers boot even when the console focus is elsewhere
- Superior video quality - up to 2048 x 1536; DDC2B
- No software required - convenient computer selection via front panel pushbuttons, hotkeys and multilingual on-screen display (OSD) menus
- Auto-senses station's position on daisy-chained installations; no need for manual dip switch setting; front panel led indicates station's position
- Port names automatically reconfigured when station sequence is changed
- Two level password security; only authorized users view and control computers; up to four users and an administrator with separate profiles for each
- Auto Scan feature for monitoring user-selected computers
- Broadcast Mode - operation simultaneously performed on all selected computers... etc
- Hot pluggable - add or remove computers without having to power down the switch
- Buzzer on/off via hotkey and OSD
- Firmware upgrades to all the chained KVM switch at the same time via the daisy-chain cable
- Rack mountable in 19" system rack (1U)

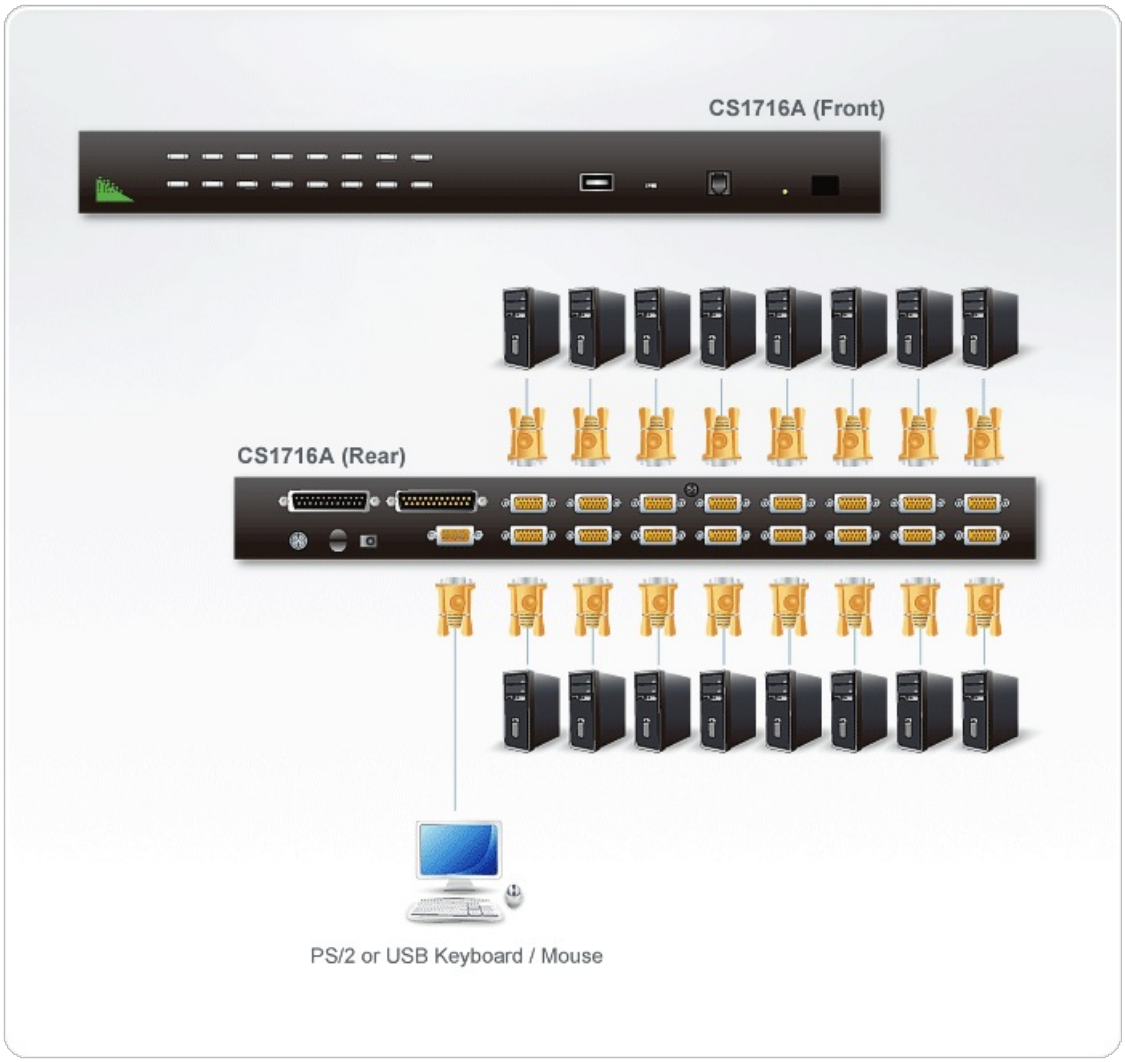
* The USB peripheral function only works with USB cable set connections. It will not work with PS/2 cable set connections.

Specification

Computer Connections	
Direct	16
Maximum	512 (via Daisy-chain)
Port Selection	OSD, Hotkey, Pushbutton

Connectors	
Console Ports	1 x SPHD-18 Male (Yellow)
KVM Ports	16 x SPHD-15/17 Female (Yellow)
Daisy Chain Ports	1 x DB-25 Female (Black) 1 x DB-25 Male (Black)
Firmware Upgrade	1 x RJ-11 Female (Black)
USB Port	1 x USB Type A Female
Power	1 x DC Jack Female (Black)
LEDs	
Online	16 (Orange)
Selected	16 (Green)
Station ID	1 x 2-digit, 7-segment (Orange)
Power	1 (Dark Green)
Switches	
Port Selection	16 x Pushbutton
Firmware Upgrade Recovery	1 x Slide
Emulation	
Keyboard / Mouse	PS/2, USB
Video	2048 x 1536; DDC2B
Scan Interval	1 – 255 Seconds (Default: 5 secs)
Power Consumption	DC5.3V:5.31W:40BTU
Environmental	
Operating Temperature	0-50˚C
Storage Temperature	-20-60˚C
Humidity	0-80% RH, Non-condensing
Physical Properties	
Housing	Metal
Weight	2.85 kg (6.28 lb)
Dimensions (L x W x H)	43.72 x 15.99 x 4.40 cm (17.21 x 6.3 x 1.73 in.)
Note	For some of rack mount products, please note that the standard physical dimensions of WxDxH are expressed using a LxWxH format.

Diagram



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