

CS1708A

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



The CS1708A 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 CS1708A can control up to 8 computers. As many as 31 additional switches can be daisy-chained to each other, so that up to 256 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 8 computers
- Daisy-chain up to 31 additional units control up to 256 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 DynaSyncTM 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
- $\bullet \ \ \text{USB / PS/2 keyboard and mouse emulation computers boot even when the console focus is elsewhere}$
- 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	8
Maximum	256 (via Daisy-chain)
Port Selection	OSD, Hotkey, Pushbutton



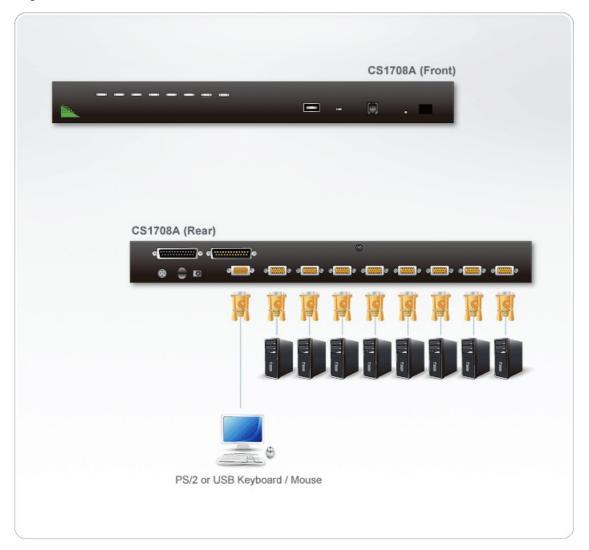
Connectors		
Console Ports	1 x SPHD-18 Male (Yellow)	
KVM Ports	8 x SPHD-15/17 Female (Yellow)	
Daisy Chain Ports	1 x DB-25 Female (Black) 1 x DB-25 Male (Black)	
Firmware Upgrade	1 x RJ-11 Female (Black)	
USB Port	1 x USB Type A Female	
Power	1 x DC Jack Female (Black)	
LEDs		
Online	8 (Orange)	
Selected	8 (Green)	
Station ID	1 x 2-digit, 7-segment (Orange)	
Power	1 (Dark Green)	
Switches		
Port Selection	8 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:3.8W:33BTU/h	
	Note: The measurement in Watts indicates the typical power consumption of the device with no external loading. The measurement in BTU/h indicates the power consumption of the device when it is fully loaded.	
Environmental		
Operating Temperature	0-50°C	
Storage Temperature	-20-60°C	
Humidity	0-80% RH, Non-condensing	
Physical Properties		
Housing	Metal	
Weight	2.66 kg (5.86 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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