CS1708A/CS1716A

PS/2-USB KVM Switch

- The CS1708A and CS1716A KVM switches are control units that allow access to multiple computers from a single PS/2 or USB console (keyboard, mouse, and monitor). A single CS1708A or CS1716A can control up to 8 or 16 computers. As many as 31 additional switches can be daisy-chained to each other, so that up to 256 or 512 computers can all be controlled from a single keyboard-monitor-mouse console.
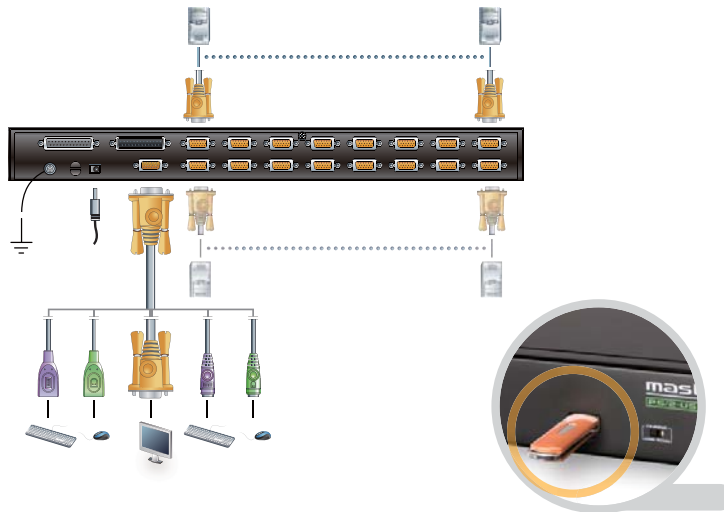
  Additionally, a front panel USB port is available for each computer to access any peripherals connected to it on a one-at-a-time basis.

Features

- One USB-PS/2 console controls up to 8 (CS1708A) or 16 (CS1716A) computers
- Daisy-chain up to 31 additional units – control up to 256 (CS1708A) or 512 (CS1716A) 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, software installation and upgrading, system wide shutdown, 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 switches 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.

Benefits

USB Port	The front panel USB port is available to connect a USB peripheral device (flash drive, CD-ROM drive, printer, etc.) to the CS1708A / CS1716A. Any computer connected to the CS1708A / CS1716A can access the USB peripheral* on a one at-a-time basis.
Two level password security	Only authorized users view and control computers; up to four users and an administrator with separate profiles for each
Multilanguage support	The CS1708A/CS1716A supports the following OSD languages: English, German, Japanese, Traditional Chinese and Simplified Chinese.
Broadcast mode	When this function is in effect, commands sent from the console are broadcast to to all available computers on the installation. This function is particularly useful for operations that need to be performed on multiple computers, such as performing a system wide shutdown, installing or upgrading software, etc .

* The peripheral device is available to computers connected to the CS1708A / CS1716A on the same level only, and is not available to computers connected to daisy-chained switches.

Specification

Function		CS1708A	CS1716A
Computer Connections	Direct	8	16
	Max	256 (via daisy-chain)	512 (via daisy-chain)
Port Selection		On-screen display (OSD); Hotkeys; Pushbutton switches	
Connectors	Console Port	1 x SPHD-18 Male (Yellow)	
	KVM Ports	8 x SPHD-15 Female (Yellow)	16 x SPHD-15 Female (Yellow)
	Daisy-chain — In	1 x DB-25 Female (Black)	
	Daisy-chain — Out	1 x DB-25 Male (Black)	
	FW Upgrade	1 x RJ-11 Female (Black)	
	USB Port	1 x USB Type A Female (Black)	
	Power	1 x DC Jack Female	
LEDs	On Line	8 (Orange)	16 (Orange)
	Selected	8 (Green)	16 (Green)
	Station ID	1 x 2-digit, 7-segment (Orange)	
	Power	1 (Dark Green)	
Switches	FW Upgr. Rec.	1 x Slide	
Emulation	Keyboard/ Mouse	PS/2, USB	
Video		2048 x 1536; DDC2B	
Scan Interval (OSD Select)		User Specified: 1–255 sec.	
Power Consumption		DC 5.3 V; 5 W	DC 5.3 V; 6.6 W
Environment	Operating Temp.	0–50℃	
	Storage Temp.	-20–60℃	
	Humidity	0–80% RH, Non-condensing	
Physical Properties	Housing	Metal	
	Weight	2.66 kg	2.85 kg
	Dimensions (L x W x H)	43.72 x 15.99 x 4.40 cm	43.72 x 15.99 x 4.40 cm