

## 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 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.

### Specifications

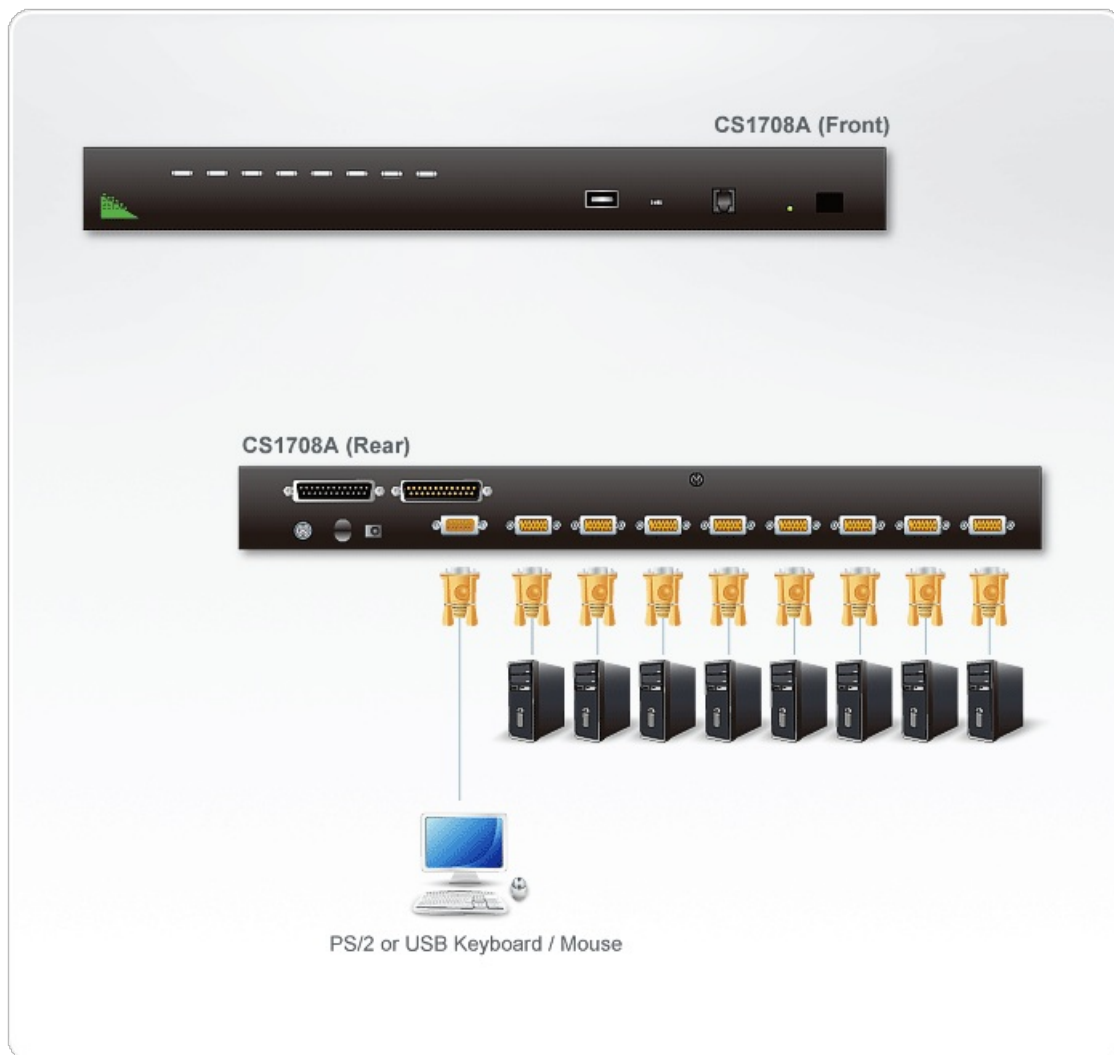
Computer Connections	
Direct	8
Maximum	256 (via Daisy-chain)
Port Selection	OSD, Hotkey, Pushbutton

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


**ATEN International Co., Ltd.**

3F., No.125, Sec. 2, Datong Rd., Sijhih District., New Taipei City 221, Taiwan  
Phone: 886-2-8692-6789 Fax: 886-2-8692-6767  
www.aten.com E-mail: marketing@aten.com



© Copyright 2015 ATEN® International Co., Ltd.  
ATEN and the ATEN logo are trademarks of ATEN International Co., Ltd.  
All rights reserved. All other trademarks are the property of their respective owners.