

## 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

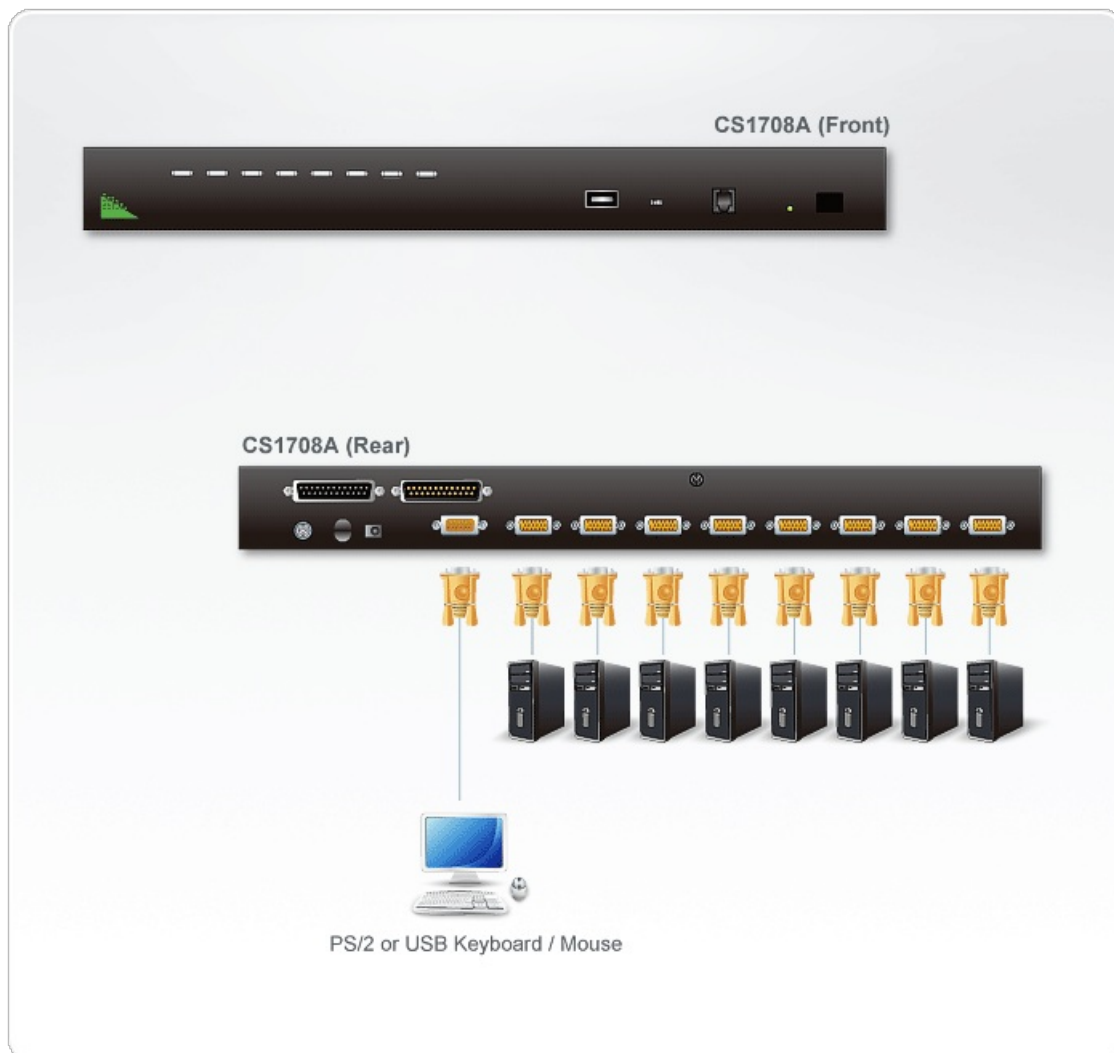
| Computer Connections |                         |
|----------------------|-------------------------|
| Direct               | 8                       |
| Maximum              | 256 (via Daisy-chain)   |
| Port Selection       | OSD, Hotkey, Pushbutton |

|                           |                                                                                                                                                                                                                                                     |
|---------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 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)<br>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<br><br>Note:<br>● The measurement in Watts indicates the typical power consumption of the device with no external loading.<br>● 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<br>(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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