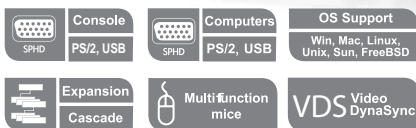# CS1308/CS1316

## 8/16-Port PS/2 – USB KVM Switch

● The CS1308 / CS1316 KVM switch allows access and control up to 64 or 256 computers from a single console (keyboard, mouse, and monitor). As many as 16 additional switches can be cascaded bringing the total number of connected computers to 64 or 256 computers that can be controlled from a single keyboard-monitor-mouse console. The switch supports both USB and PS/2 connections for the console and computers.

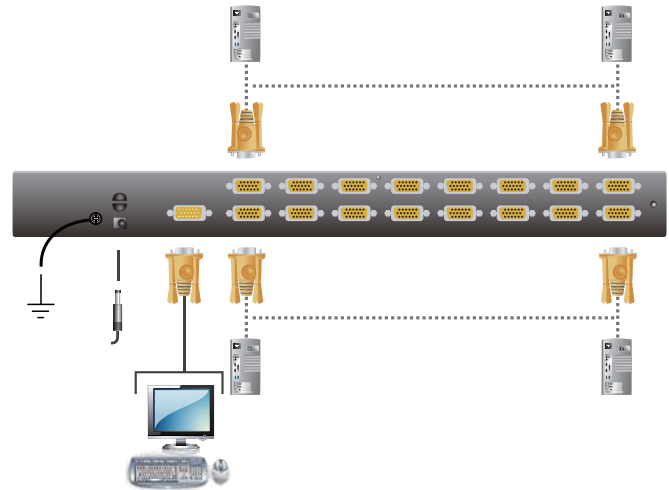| Console | Computers | OS Support |
|---|---|---|
| SPHD PS/2, USB | SPHD PS/2, USB | Win, Mac, Linux, Unix, Sun, FreeBSD |
| Expansion Cascade | Multifunction mice | VDS Video DynaSync |

## Features

- One USB-PS/2 console controls 8/16 computers
- Cascade up to 2 levels – control up to 64 or 256 computers
- Dual Interface – supports computers with PS/2 or USB keyboards and mice
- Multiplatform support – Windows, Linux, Mac, and Sun
- Video DynaSync™ - Exclusive ATEN technology eliminates boot-up display problems and optimizes resolution when switching between ports
- Supports USB keyboards for PC, Mac and Sun
- Auto PS/2 and USB interface detection
- USB or PS/2 keyboard and mouse emulation – computers boot even when the console focus is elsewhere
- Superior video quality – up to 2048 x 1536; DDC2B
- Computer selection via front panel pushbuttons, hotkeys and multilingual on-screen display (OSD) menu
- Two level password security - only authorized users view and control computers; up to four users and an administrator with a separate profile for each
- Auto Scan feature for monitoring user-selected computers
- Hot pluggable – add or remove computers without having to power down the switch
- Buzzer on/off via hotkey and OSD
- Firmware upgradeable
- No software installation required
- Designed for desktop or rack mount (19" system rack, 1U)

## Specification

| Function | | | CS1308 | CS1316 |
|---|---|---|---|---|
| Computer Connections | Direct | | 8 | 16 |
| | Max | | 64 (via cascade) | 256 (via cascade) |
| Port Selection | | | OSD, Hotkeys, Pushbuttons | |
| Connectors | Console Port | Keyboard | 1 x SPHD-18 Male(Yellow) | |
| | | Video | | |
| | | Mouse | | |
| | KVM Ports | Keyboard | 8 x SPHD-15 Female(Yellow) | 16 x SPHD-15 Female(Yellow) |
| | | Video | | |
| | | Mouse | | |
| | FW Upgrade | | 1 x RJ-11 Female (Black) | |
| | Power | | 1 x DC Jack | |
| Switches | Port | | 8 x Pushbutton | 16 x Pushbutton |
| | F/W Upgrade | | 1 x Slide | |
| LEDs | On Line | | 8 (Orange) | 16 (Orange) |
| | Selected | | 8 (Green) | 16 (Green) |
| | Power | | 1 (Dark Green) | |
| Emulation | Keyboard/Mouse | | PS/2, USB | |
| Video | | | 2048 x 1536; DDC2B | |
| Scan Interval | | | 1–255 Seconds. | |
| Power Consumption | | | DC 5.3 V; 5 W | DC 5.3 V; 6.6 W |
| Environment | Operating Temp. | | 0–50°C | |
| | Storage Temp. | | -20–60°C | |
| | Humidity | | 0–80% RH, Non-condensing | |
| Physical Properties | Housing | | Metal | |
| | Weight | | 1.89 kg | 2.10kg |
| | Dimensions (L x W x H ) | | 43.72 x 16.13 x 4.40 cm | 43.72 x 16.13 x 4.40 cm |

\* Product specifications and appearance are subject to change without notice.