

## CS1316

16-Port PS/2-USB VGA KVM Switch



The CS1316 KVM switch allows access and control up to 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 256 computers that can be controlled from a single KVM console. The switch supports both USB and PS/2 connections for the console and computers.

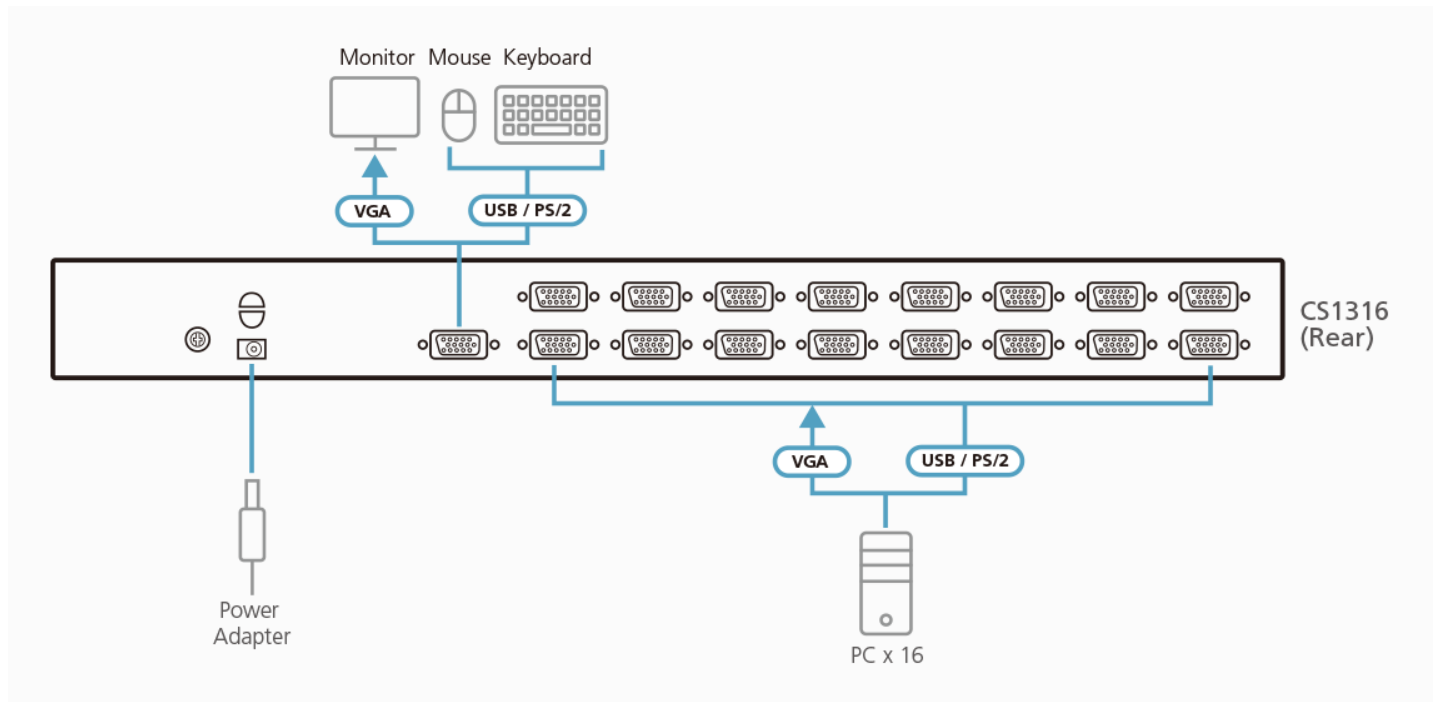
### Features

- One USB-PS/2 console controls 16 computers
- Cascade up to 2 levels - control up to 256 computers
- Dual Interface - supports computers with PS/2 or USB keyboards and mice
- Multiplatform support - Windows 2000/XP/Vista, Linux, Mac, and Sun
- Video DynaSync™ - Exclusive ATEN technology eliminates boot-up display problems and optimizes resolution when switching between ports
- 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)

## Specifications

|                        |                                                                                                                                                                                                                                                      |
|------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Computer Connections   |                                                                                                                                                                                                                                                      |
| Direct                 | 16                                                                                                                                                                                                                                                   |
| Maximum                | 256 (via Cascade)                                                                                                                                                                                                                                    |
| Port Selection         | OSD, Hotkey, Pushbutton                                                                                                                                                                                                                              |
| Connectors             |                                                                                                                                                                                                                                                      |
| Console Ports          | 1 x SPHD-18 Male (Yellow)                                                                                                                                                                                                                            |
| Firmware Upgrade       | 1 x RJ-11 Female (Black)                                                                                                                                                                                                                             |
| Power                  | 1 x DC Jack                                                                                                                                                                                                                                          |
| KVM Ports              | 16 x SPHD-15 Female (Yellow)                                                                                                                                                                                                                         |
| Switches               |                                                                                                                                                                                                                                                      |
| Ports                  | 16 x Pushbutton                                                                                                                                                                                                                                      |
| Firmware Upgrade       | 1 x Slide                                                                                                                                                                                                                                            |
| LEDs                   |                                                                                                                                                                                                                                                      |
| Online                 | 16 (Orange)                                                                                                                                                                                                                                          |
| Selected               | 16 (Green)                                                                                                                                                                                                                                           |
| Power                  | 1 (Dark Green)                                                                                                                                                                                                                                       |
| Emulation              |                                                                                                                                                                                                                                                      |
| Keyboard / Mouse       | PS/2, USB                                                                                                                                                                                                                                            |
| Video                  | 2048 x 1536; DDC2B                                                                                                                                                                                                                                   |
| Scan Interval          | 1-255 Seconds                                                                                                                                                                                                                                        |
| Power Consumption      | DC5.3V:3.83W:26BTU/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                 | 2.10 kg ( 4.63 lb )                                                                                                                                                                                                                                  |
| Dimensions (L x W x H) | 43.72 x 16.13 x 4.40 cm<br>(17.21 x 6.35 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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