8 / 16-Port PS/2-USB VGA Single Rail LCD KVM Switch

CL1308 / CL1316

With limited server room space and rising maintenance costs, network administrators are now more than ever looking for solutions that reduce both costs and space requirements. ATEN LCD KVM Switches offer a space saving, streamlined approach to KVM switching technology by integrating an LCD panel, full keyboard, and touchpad into a 1U rack-mountable sliding housing.

The CL1308 / CL1316 LCD KVM Switch features an integrated 19" LED-backlit LCD panel allowing access and control with up to 8 / 16 computers from a single console (keyboard, mouse, and monitor). As many as 8 / 16 additional switches can be cascaded bringing the total number of connected computers to 128 / 256 computers that can be controlled from a single keyboard-monitor-mouse console.

Setup is fast and easy; plugging cables into their appropriate ports is all that is needed. The switch supports both USB and PS/2 connections for the computers. The CL1308 / CL1316 intercepts keyboard input directly, thus eliminating the need for any software configuration. Switching between computers can be easily accomplished either by manually pressing the front panel push button port LEDs, entering hotkey combinations from the keyboard, or via a menu driven multilingual on-screen display (OSD) system.

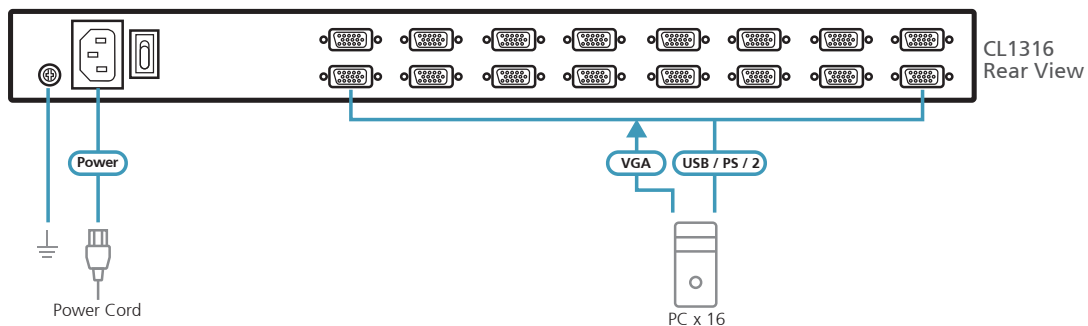CL1316 Front View

CL1316 Rear View

Note: The CL1316 is pictured above. The CL1308 rear panel is the same as the CL1316, except that it has 8 KVM ports instead of 16.

Features

- Exclusive LED illumination light – designed by ATEN to illuminate the keyboard and touchpad to allow visibility in lowlight conditions
- A single console controls up to 128 / 256 computers by cascade to 2 levels and connect up to 8 / 16 switches.
- Integrated KVM console with 19" LED-backlit LCD panel
- Dual Interface – supports computers with PS/2 or USB keyboards and mice
- Multi-platform support – Windows 2000/XP/Vista, Linux, Mac, and Sun
- 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 1280 x 1024 @ 75 Hz; DDC2B
- Convenient computer switching via front panel push buttons, hotkeys, or 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
- Broadcast mode – operations simultaneously performed on all selected computers
- Hot pluggable – add or remove computers without having to power down the switch
- Buzzer on / off via hotkey and OSD
- Rack mountable
- Optional rack mount kits available including easy installation options
- Keyboard language supports English (US), English (UK), French, German, German (Swiss), Greek, Hungarian, Italian, Japanese, Korean, Russian, Spanish, Swedish and Traditional Chinese

Advantages

- Reduce space and cost requirements with streamlined, space saving design.
- Provides an easy and fl exibility for expanding servers installation.
- Enhanced security with two level password access for authorized personnel.
- Improved server maintenance quality and reduce maintenance time.
- Supports wide range OS platforms and I/O peripherals.

Note: Control up to 128/256* PCs. (*CL1316 only)

Optional Rack Mounting:

For convenience and flexibility, three optional rack mounting kits are available:

- Long bracket standard rack mounting kit for 70.0–105.0 cm racks (2X-023G);
- Short bracket Easy-Installation rack mount kit for 57.0–70.0 cm racks (2X-024G);
- Long bracket Easy-Installation rack mount kit for 68.0–105.0 cm racks (2X-025G).

| 2X-023G | 2X-024G | 2X-025G |

Supported KVM Switches:

The table below lists KVM switches that are compatible with the CL1308 / CL1316 and the type of expansion that they use. (KVM switches listed below are sold separately. Contact your dealer for details.)

Expansion Type	Model No.	Model Names
Cascade	CS1308	8-Port PS/2-USB VGA Single Rail LCD KVM Switch
	CS1316	16-Port PS/2-USB VGA Single Rail LCD KVM Switch

Supported KVM Cables:

Part No.	Interface/Function	Image	PC Cable Interface	KVM Cable Interface
2L-5201P (1.2m) 2L-5202P (1.8 m) 2L-5203P (3 m) 2L-5206P (6 m) 2L-5702P (1.8 m)	PS/2		HDB-15 Male 6-pin Mini-DIN Male 6-pin Mini-DIN Male	SPHD Male
2L-5201U (1.2m) 2L-5202U (1.8 m) 2L-5203U (3 m) 2L-5205U (5 m)	USB		USB Type-A Male HDB-15 Male	SPHD Male

Specifications

	CL1308N	CL1316N
Computer Connections		
Direct	8	16
Maximum	128 (via Cascade)	256 (via Cascade)
Port Selection	OSD, Hotkey, Pushbutton	
Connectors		
KVM Ports	8 x SPHD Female (Yellow)	16 x SPHD Female (Yellow)
Firmware Upgrade	1 x RJ-11 Female	
Power	1 x IEC 60320/C14	
Switches		
Port Selection	8 x Pushbutton	16 x Pushbutton
Reset	1 x Semi-recessed Pushbutton	
Firmware Upgrade	1 x Slide Switch	
Power	1 x Rocker Switch	
LCD Control	4 x Pushbutton	
LCD Power	1 x LED Pushbutton	
LEDs		
Online	8 (Orange)	16 (Orange)
Selected	8 (Green)	16 (Green)
Power	1 (Dark Green) 1 (Orange)	
Lock	1 x Num Lock (Green) 1 x Caps Lock (Green) 1 x Scroll Lock (Green)	
LED Illumination Light	1 x LED Illumination Light	
Panel Spec		
LCD Module	19" TFT-LCD	
Resolution	1280 ×1024 @ 75 Hz	
Response time	5 ms	
Viewing Angle	170° (H), 160° (V)	
Pixel Pitch	0.294 mm x 0.294 mm	
Support Color	16.77M colors	
Contrast Ratio	1000:1	
Luminance	250 cd/m²	
Video		
Input Video Resolution	up to 1920 × 1200 @ 60 Hz; 1280 × 1024 @ 75 Hz, DDC2B	
Scan Interval	1 – 255 seconds	
Emulation		
Keyboard / Mouse	PS/2, USB	
Maximum Input Power Rating	100 – 240 V AC; 50 – 60 Hz; 1A	
Power Consumption	AC110V:24.4W AC220V:24.7W	AC110V:25.9W AC220V:26.1W
Environmental		
Operating Temperature	0 – 50℃	
Storage Temperature	-20 – 60℃	
Humidity	0 – 80% RH, Non-condensing	
Physical Properties		
Housing	Metal + Plastic	
Rail Type	Single Rail	
Weight	12.59 kg	12.77 kg
Dimensions (L x W x H)	48.30 x 68.92 x 4.40 cm	

Product information is subject to change without prior notice.

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