

# CL1308 (CL1308N: 19" LCD) CL1316 (CL1316N: 19" LCD) 19" LCD KVM Switch

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- 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



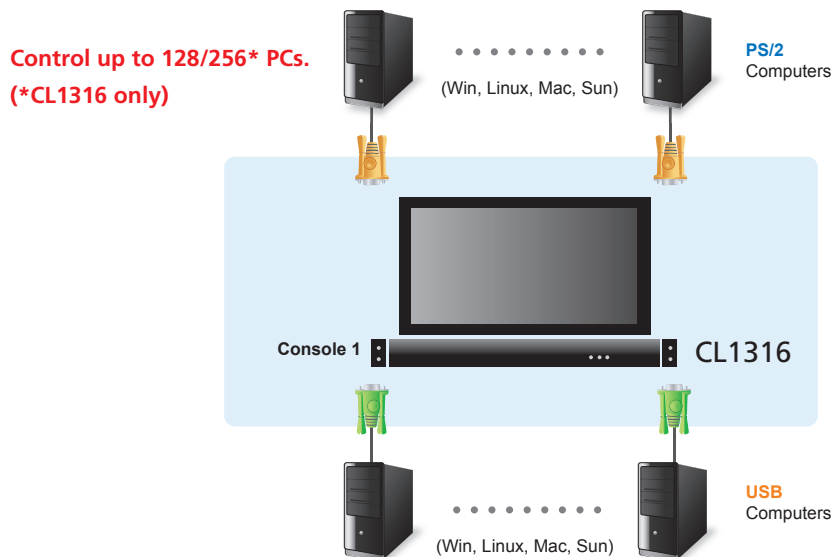
**Note:** The CL1316 is pictured above. The CL1308 rear panel is the same as the CL1316, except that it has 8 KVM ports instead of 16.

## Features

- Exclusive LED illumination light - designed by ATEN to illuminate the keyboard and touchpad to allow visibility in low-light conditions
- A single console controls up to 128 / 256 computers by cascade to 2 levels and connect up to 8 / 16 switches. (CL1308 / CL1316)
- Integrated KVM console with 19" LED-backlit LCD panel
- Dual Interface – supports computers with PS/2 or USB keyboards and mice
- Multiplatform 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
- Keyboard language supports English (US), English (UK), French, German, German (Swiss), Greek, Hungarian, Italian, Japanese, Korean, Russian, Spanish, Swedish and Traditional Chinese
- Rack mountable

## Advantages

- Reduce space and cost requirements with streamlined, space saving design.
- Provides an easy and flexibility 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.



### 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).



### 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 USB / PS/2 KVM Switch
	CS1316	16-Port USB / PS/2 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

# Specification

Function		CL1308	CL1316	
Computer Connections	Direct	8	16	
	Maximum	128 (via Cascade)	256 (via Cascade)	
Port Selection		OSD, Hotkeys, Pushbuttons		
Connectors	KVM Ports	8 x SPHD-17 Female (Yellow)	16 x SPHD-17 Female (Yellow)	
	FW Upgrade	1 x RJ-11 Female (Black)		
	Power	1 x 3-prong AC Socket (IEC60320/C14)		
Switches	Reset	1 x Semi-recessed Pushbutton		
	Power	1x Rocker		
	FW Upgrade	1 x Slide		
	LCD Control	4 x Pushbutton		
	LCD On/Off	1 x Pushbutton		
	Port	8 x Pushbutton	16 x Pushbutton	
LEDs	Online	8 (Orange)	16 (Orange)	
	Selected	8 (Green)	16 (Green)	
	Power	KVM	1 (Dark Green)	
		LCD	1 (Orange)	
	Lock	Num	1 (Green)	
		Caps	1 (Green)	
		Scroll	1 (Green)	
Emulation	Keyboard/ Mouse	PS/2, USB		
Video	19-Inch LCD	1280x1024 @ 75 Hz; DDC2B		
Scan Interval		1-255 seconds		
I/P Rating		100-240 VAC; 50/60 Hz; 1A		
Power Consumption	19-Inch LCD	120V, 22W	230V, 22.9W	
Environment	Operating Temperature	0-50°C		
	Storage Temperature	-20-60°C		
	Humidity	0-80% RH, Non-condensing		
Physical Properties	Housing	Metal + Plastic		
	Weight	12.59 kg	12.77 kg	
	Dimensions (LxWxH)	48.30 x 68.92 x 4.40 cm	48.30 x 68.92 x 4.40 cm	

