

## **CL5816**

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



The CL5816 Slideaway™ Dual Rail LCD KVM Switch is a control unit that allows access to multiple computers from two PS/2 or USB KVM consoles. An extra console port is provided on the rear panel to manage the LCD KVM switch from an optional external consoles.

The CL5816 19" LED-backlit LCD monitor and keyboard / touch pad modules slide independently of each other. To maximize space in your data center, the keyboard / touch pad module slides back to "hide away" when not in use, while the thin profile LCD monitor rotates back - flush against the rack - allowing convenient monitoring of computer activity. Quickly and conveniently switch computer access with station and port selection pushbutton switches located on the keyboard module. Even when the keyboard module is in the retracted position you can still switch access with the Port Up / Port Down pushbuttons located on the monitor module.

The CL5816 supports both PS/2 and USB keyboards and mice for the connected computers, and the CL5816 supports USB peripheral devices to be used with the attached computers. A single CL5816 can control up to 16 computers. As many as 31 additional compatible KVM switches can be daisy chained together, so that up to 512 computers can all be controlled from a single keyboard, monitor, and mouse console

Note: Optional rack mount kits are available. For more information, refer to Compatible Accessories below.





## Features

- Exclusive LED illumination light designed by ATEN to illuminate the keyboard and touchpad to allow visibility in low-light conditions
- Integrated KVM console with 19" LED-backlit LCD monitor in a Dual Rail housing
- Space saving technology up to two consoles (one bus) control up to 16 computers

  Daisy-chain up to 31 additional units\*— control up to 512 computers from two consoles (one bus)
- Dual Interface supports computers and console with PS/2 or USB keyboards and mice
- Supports USB peripherals for computers connected to the local station
- LCD module rotates up to 120 degrees for a more comfortable viewing angle
- Console Lock enables the console drawer to remain securely locked away in position when not in use
- $\label{eq:Multiplatform support Windows, Linux, Mac, and Sun} \\$
- Supports multimedia USB keyboards for PC, Mac and Sun
- Auto PS/2 and USB interface detection
- Keyboard and mouse emulation (PS/2 and USB) for smooth switching and simultaneous booting of multiple computers even when the console focus is elsewhere Extra console port manage computers in the LCD KVM switch from an external console (monitor, USB keyboard, and USB mouse)
- Supports external USB mouse

- Superior video quality supports resolutions up to 1280 x 1024 @ 75 Hz

  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 can view and control computers LCD power button helps save energy and prolong display's life
- Supports one administrator and four user accounts with separate profiles
- Auto Scan mode enables continuous monitoring of user-selected computers
- Broadcast support commands from the keyboard can be broadcast to all available computers on the installation
- Hot pluggable add or remove computers without having to power down the switch
- Beeper on/off via hotkey and OSD
- Firmware upgrades to all the chained KVM switches at the same time via the daisy chain cable
- 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, Traditional Chinese and Turkish

Note: With compatible KVM Switches: ACS1208A, CS1708A, CS1716A

More information about "Easy Rack Mounting"...

## Specifications

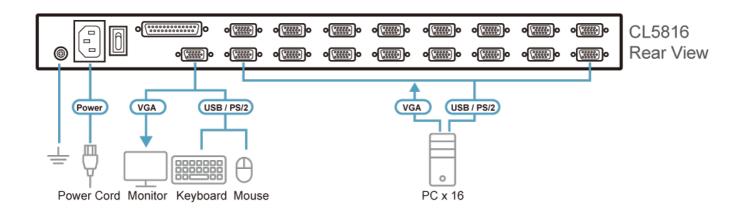
Function	CL5816N
Computer Connections	
Direct	16
Maximum	512 (via Daisy-chain)
Port Selection	OSD, Hotkey, Pushbutton
Connectors	
KVM Ports	16 x SPHD Female (Yellow)
Daisy Chain Ports	1 x DB-25 Male
Firmware Upgrade	1 x RJ-11 Female
Power	1 x IEC 60320/C14
External Console Ports	1 x SPHD Male (Yellow)
External Mouse Port	1 x USB Type A Female (Front)
USB Port	1 x USB Type A Female (Front)
Switches	
Port Selection	2 x Pushbutton (LCD) 16 x Pushbutton (Keyboard)
Station Selection	2 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	16 (Orange)



Selected	16 (Green)	
Station ID	2 x 7-segment LED Display (Orange)	
Power	1 (Dark Green)	
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 x 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/m <sup>2</sup>	
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	100-240V AC, 50/60Hz, 1A	
Power Consumption	AC110V:26.2W:116BTU/h AC220V:27.6W:120BTU/h Note:	
	The measurement in Watts indicates the typical power consumption of the device with no external loading.  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 + Plastic	
Rail Type	Dual Rail	
Weight	14.76 kg ( 32.51 lb )	
Dimensions (L x W x H)	48.00 x 68.04 x 4.40 cm (18.9 x 26.79 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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