Simply Better Connections

CL1316

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



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 CL1316 LCD KVM Switch features an integrated 19" LED-backlit LCD panel allowing access and control with up to 16 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 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 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.

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
- A single console controls up to 256 computers by cascade to 2 levels and connect up to 16 switches.
- 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
- Rack mountable
- Optional rack mount kits available including easy installation options
- Keyboard Language support: English (US), English (UK), French, German, German (Swiss), Greek, Hungarian, Italian, Japanese, Korean, Russian, Spanish, Swedish and Traditional Chinese

More information about "Easy Rack Mounting"...

Specifications

Function	CL1316N
Computer Connections	
Direct	16
Maximum	256 (via Cascade)
Port Selection	OSD, Hotkey, Pushbutton
Connectors	
KVM Ports	16 x SPHD Female (Yellow)
Firmware Upgrade	1 x RJ-11 Female
Power	1 x IEC 60320/C14
Switches	
Port Selection	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	16 (Orange)
Selected	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:25.9W:121BTU AC220V:26.1W:122BTU
Environmental	
Operating Temperature	0-50°C
Storage Temperature	-20-60°C
Humidity	0 - 80% RH, Non-condensing
Physical Properties	
Housing	Metal + Plastic
Rail Type	Single Rail
Weight	12.77 kg (28.13 lb)
Dimensions (L x W x H)	48.30 x 68.92 x 4.40 cm (19.02 x 27.13 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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