

# **CL3116**

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



The ATEN CL3116 LCD KVM Switch offers a space-saving, streamlined approach to KVM switch technology by integrating a keyboard, 18.5" LED-backlit LCD monitor, and a touchpad in a 1U rack-mountable sliding housing. The short-depth design maximizes space utility for equipping rack-mounting devices in narrow spaces. In addition, its exclusive LED illumination light provides users with proper visibility when working in low-light conditions.

The CL3116 can control up to 16 computers; when 16 additional KVM switches are cascaded, a single CL3116 LCD KVM Switch can control up to 256 computers. To achieve greater operational efficiency, the CL3116 offers Broadcast mode, which the console spreads out the commands to all computers to perform operations simultaneously. Besides, the Auto scan mode fulfills the needs for continuous monitoring a specific group of computers, and establishing a reliable working environment for users.

To enhance information safety, the CL3116 provides two-level password security which restricts unauthorized users from viewing and controlling the computers. For added convenience, the CL3116 comes with an additional hot-pluggable USB mouse port that only supports HID device for keyboard and mouse.

As a feature-rich LCD KVM Switch, the CL3116 is aimed not just to achieve but exceed the requirements for space utility optimization, superior video quality, adaptive deployment, and operational versatility, and thus is ideal for control rooms with limited space in any industry.

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



#### **Features**

## Space Utility Optimization

- Exclusive LED illumination light designed by ATEN to illuminate the keyboard and touchpad to allow visibility in low-light conditions
- Integrated LCD KVM console with an 18.5" LED-backlit widescreen LCD monitor in a single rail housing with top and bottom clearance for smooth operation in a 1U high system rack
- Short-depth design allows you to work with your rack-mounting equipment in narrow spaces
   Console lock enables the console drawer to remain securely locked away in position when not in use

## · Reliability and Operational Versatility

- Superior video quality up to 1366 x 768 @60Hz; DDC2B
- Cascade up to 2 levels CL3116 controls up to 256 computers from a single console (With compatible KVM Switches: CS1308/CS1316)
- Dual Interface supports computers with PS/2 or USB keyboards and mice Auto PS/2 and USB interface detection
- Keyboard and mouse emulation (PS/2 and USB) for smooth switching and simultaneously booting multiple computers even when the console focus is elsewhere
- Computer selection via pushbuttons, hotkeys, and multilingual on-screen display (OSD)

  Broadcast mode allows you to send commands from the console to all computers to perform operations simultaneously
- Two level password security only authorized users can view and control computers
- Auto Scan mode enables continuous monitoring of user-selected computers
   Keyboard Language support: English(US); English(UK); French, German, German(Swiss), Greek, Hungarian, Italian, Japanese, Korean, Russian, Spanish, Swedish, Traditional Chinese and Turkish.
- Additional hot-pluggable USB mouse port on front panel that supports HID device for keyboard and mouse

## Installation Flexibility

- Standard rack mount kit included
- Optional rack mount kits available including easy installation options'
- No software required
- Firmware upgradable
- Supports hot-plugging

More information about "Easy Rack Mounting"...

#### Specifications

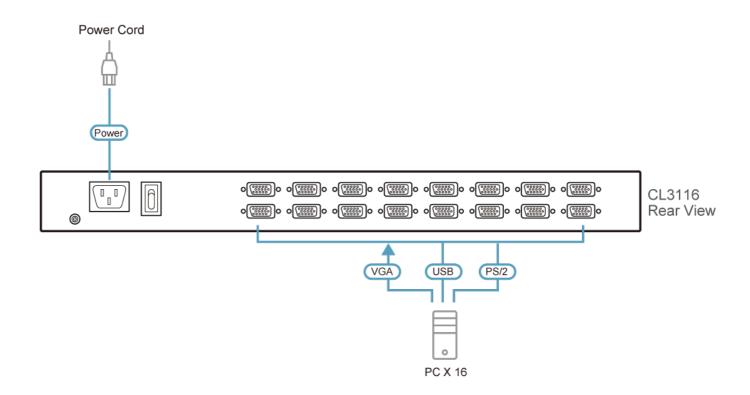
Function	CL3116NX	
Computer Connections		
Direct	16	
Maximum	256 (via Cascade)	
Port Selection	OSD, Hotkey, Pushbutton	
Connectors		
KVM Ports	16 x SPHD Female (Yellow)	
Firmware Upgrade	1 x 3.5mm Audio Jack Female (Black)	
Power	1 x IEC 60320/C14	
External Mouse Port	1 x USB Type A Female (Front)	
Switches		
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 x KVM Console (Dark Green) 1 x LCD (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	18.5" TFT-LCD	
Resolution	1366 x 768 @ 60 Hz	
Response time	5 ms	
Viewing Angle	170° (H), 160° (V)	
Pixel Pitch	0.3 mm x 0.3 mm	
Support Color	16.77M colors	
Contrast Ratio	1000:1	
Luminance	450 cd/m <sup>2</sup>	
Video		
Input Video Resolution	up to 1920 × 1200 @ 60 Hz; 1366 × 768 @ 60 Hz, DDC2B	
Scan Interval	1-255 seconds	
Emulation		
Keyboard / Mouse	PS/2, USB	
Maximum Input Power Rating	100–240 V AC, 50-60 Hz, 1 A	
Power Consumption	AC110V:14.1W:70BTU/h AC220V:14.9W:74BTU/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	0-40°C	
Storage Temperature	-20-60°C	
Humidity	0 - 80% RH, Non-condensing	
Physical Properties		
Housing	Metal + Plastic	
Rail Type	Single Rail	
Weight	10.60 kg ( 23.35 lb )	
Dimensions (L x W x H)	48.06 x 63.10 x 4.28 cm (18.92 x 24.84 x 1.69 in.)	
Body Dimensions(L x W x H)	44.92 x 58.4 x 4.28 cm (17.69 x 22.99 x 1.69 in.)	
Note	Body Dimensions exclude I/O ports, handles, and mounting brackets.	
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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