

CL3108

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



The ATEN CL3108 [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 CL3108 can control up to 8 computers; when 8 additional KVM switches are cascaded, a single CL3108 [LCD KVM Switch](#) can control up to 128 computers. To achieve greater operational efficiency, the CL3108 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 CL3108 provides two-level password security which restricts unauthorized users from viewing and controlling the computers. For added convenience, the CL3108 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 CL3108 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 – CL3108 controls up to 128 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

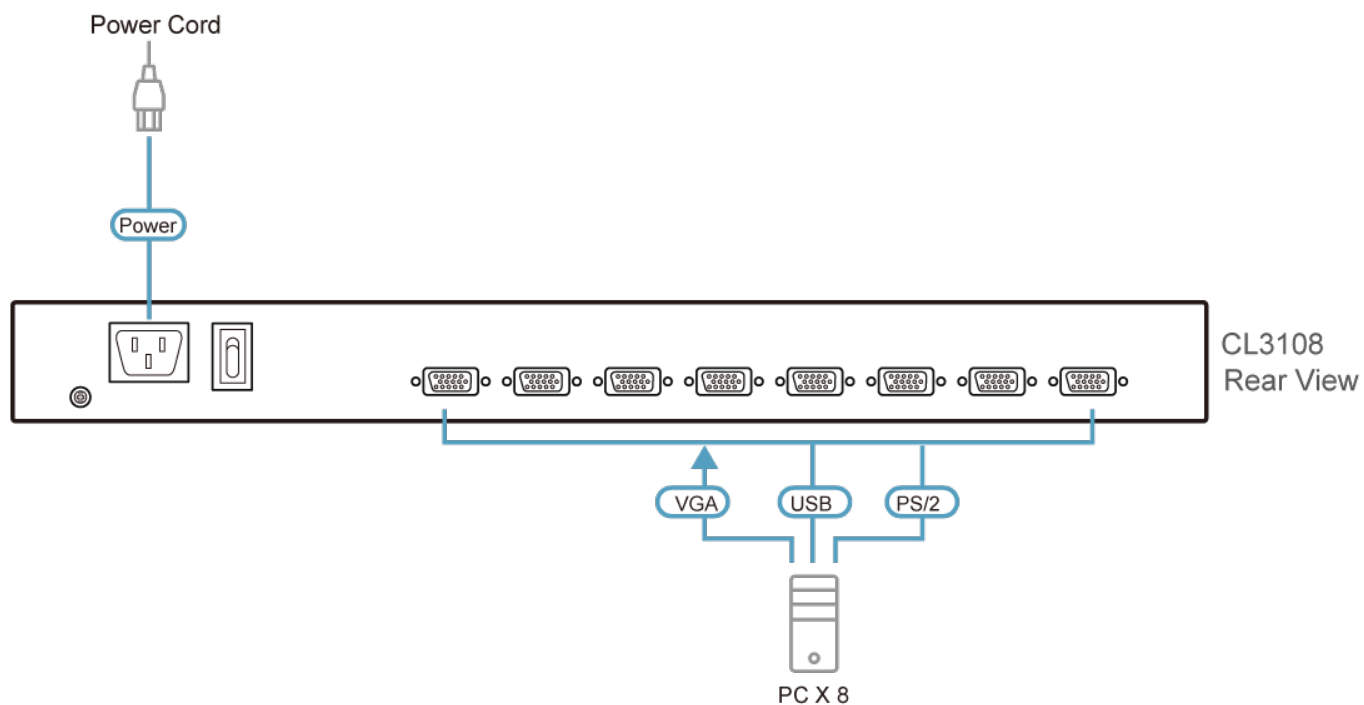
[More information about "Easy Rack Mounting"....](#)

Specifications

| | |
|----------------------|--|
| Function | CL3108NX |
| Computer Connections | |
| Direct | 8 |
| Maximum | 128 (via Cascade) |
| Port Selection | OSD, Hotkey, Pushbutton |
| Connectors | |
| KVM Ports | 8 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 | 8 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) |
| Selected | 8 (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 | 16.7M colors |
| Contrast Ratio | 1000 : 1 |
| Luminance | 450 cd/m ² |
| Video | |
| Input Video Resolution | up to 1920 x 1200 @ 60 Hz; 1366 x 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: <ul style="list-style-type: none"> • 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 | 10.50 kg (23.13 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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