

## CL3708i

1-Local/Remote Shared Access 8-Port USB HDMI Single Rail WideScreen FHD LCD KVM over IP Switch



The ATEN CL3708iNW is a space-efficient 1U single-rail LCD KVM over IP switch designed for mission-critical environments such as control rooms and data centers. Integrating an 18.5" LED-backlit widescreen monitor, full keyboard, and touchpad into a short-depth sliding housing, it delivers reliable local and over IP access while maximizing valuable rack space.

### Maximize Rack Space While Maintaining Full Local Control

Built into a compact 1U single-rail chassis with a short-depth design, the CL3708iNW fits perfectly in shallow racks and space-constrained installations. The all-in-one console design eliminates the need for external peripherals, while an integrated LED illumination light ensures clear visibility for accurate operation in low-light, 24/7 environments.

### Centralized and Flexible Control of Multiple Systems

Supporting direct USB and HDMI connections to 8 computers, the CL3708iNW enables efficient centralized management from a single console. An external USB and HDMI console output allows simultaneous local and external access, providing greater operational flexibility for multi-operator or extended workspace scenarios. System control is intuitive via front-panel pushbuttons, hotkeys, or a multilingual on-screen display (OSD). Broadcast Mode enables commands to be sent to multiple computers simultaneously, while Auto Scan Mode provides continuous monitoring of selected systems.

### Crystal-Clear Full HD for Precise Monitoring

Engineered for reliable performance, the CL3708iNW delivers crisp Full HD 1920 x 1080 @ 60 Hz video. This ensures clear and accurate visual output, helping operators monitor critical systems with confidence in mission-critical environments. In addition, the CL3708iNW features Panel Array Mode™ for simultaneous multi-server monitoring on a single screen, with each server displayed in an individual panel and customizable layouts for flexible viewing.

### Simplified, Secure, and Efficient System Management

Three-level password protection safeguards against unauthorized access, a dedicated LAN port supports network-based firmware upgrades, and a front-panel hot-pluggable USB mouse port (HID-only) allows quick peripheral replacement to minimize downtime.

Note:

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



18.5"  
Widescreen



External  
Console



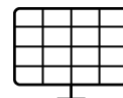
HTML5 WebClient



LED Illumination  
Light



Over-IP Access



Panel Array  
Mode™



Short-Depth  
Design

## Features

### Space Utility Optimization

- Exclusive LED Illumination light – designed by ATEN to illuminate the keyboard and touchpad to enhance usability in dimly lit settings
- 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 1920 x 1080 @ 60 Hz
- External console port – enables management of connected computers from an external console (monitor, USB keyboard, and USB mouse)
- Computer selection via pushbuttons, hotkeys, and multilingual on-screen display (OSD)
- IP-based LCD KVM switch enabling shared local console access and remote access, allowing monitoring and control of multiple computers via a standard web browser over the network
- Broadcast mode – allows users to send commands from the console to all computers to perform operations simultaneously
- Three-level password security – only authorized users can view and control computers
- Auto Scan mode – enables continuous monitoring of user-selected computers
- Panel Array Mode™ enables simultaneous monitoring of multiple servers on a single screen, with each server's video output displayed in an individual panel and configurable panel layouts for flexible viewing
- Keyboard Language supports: English (UK), English (US), German (GER.), German (SWISS.), French, Hungarian, Italian, Japanese, Korean, Russian, Spanish, Swedish, Turkish and Traditional Chinese
- 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 via LAN port
- Supports hot-plugging

Note: Contact your ATEN dealer for product information.

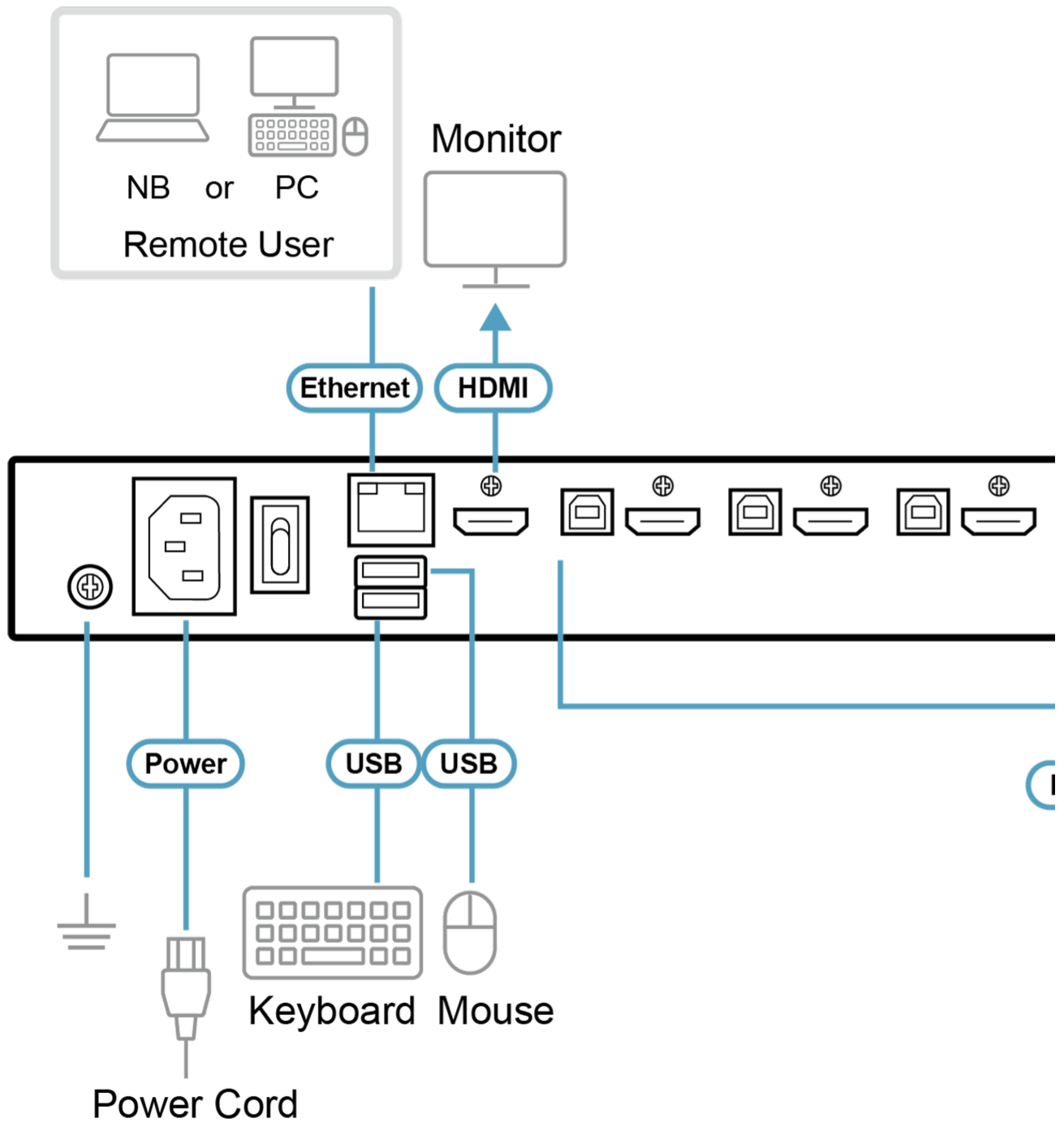
[More information about "Easy Rack Mounting"...](#)

## Specifications

|                        |                                                                          |
|------------------------|--------------------------------------------------------------------------|
| Function               | CL3708iNW                                                                |
| Computer Connections   |                                                                          |
| Direct                 | 8                                                                        |
| Maximum                | 8                                                                        |
| Port Selection         | OSD, Hotkey, Pushbutton                                                  |
| Connectors             |                                                                          |
| KVM Ports              | 8 x HDMI Female<br>8 x USB Type B Female                                 |
| Power                  | 1 x IEC 60320/C14                                                        |
| External Mouse Port    | 1 x USB Type A Female (Front)                                            |
| External Console Ports | 1 x HDMI Female<br>2 x USB Type A Female                                 |
| LAN Ports              | 1 x RJ-45 Female                                                         |
| Switches               |                                                                          |
| Port Selection         | 8 x Pushbutton                                                           |
| Reset                  | 1 x Semi-recessed Pushbutton                                             |
| 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)<br>1 x LCD (Orange)                         |
| Lock                   | 1 x Num Lock (Green)<br>1 x Caps Lock (Green)<br>1 x Scroll Lock (Green) |
| LED Illumination Light | 1 x LED Illumination Light                                               |
| Panel Spec             |                                                                          |
| LCD Module             | 18.5" TFT-LCD                                                            |
| Resolution             | 1920 x 1080 @ 60 Hz                                                      |
| Response time          | 20 ms                                                                    |
| Viewing Angle          | 178° (H), 178° (V)                                                       |
| Pixel Pitch            | 0.213 mm x 0.213 mm                                                      |
| Support Color          | 16.77M colors                                                            |

|                            |                                                                                                                                                                                                                                                                                |
|----------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Contrast Ratio             | 1000 : 1                                                                                                                                                                                                                                                                       |
| Luminance                  | 350 cd/m²                                                                                                                                                                                                                                                                      |
| Video                      |                                                                                                                                                                                                                                                                                |
| Remote                     | 1920 x 1200 @60 Hz                                                                                                                                                                                                                                                             |
| Input Video Resolution     | up to 1920 x 1200 @ 60 Hz                                                                                                                                                                                                                                                      |
| Second console             | 1920 x 1200 @ 60 Hz                                                                                                                                                                                                                                                            |
| Scan Interval              | 1-255 seconds                                                                                                                                                                                                                                                                  |
| Emulation                  |                                                                                                                                                                                                                                                                                |
| Keyboard / Mouse           | USB                                                                                                                                                                                                                                                                            |
| Maximum Input Power Rating | 100–240 VAC, 50/60 Hz, 1 A                                                                                                                                                                                                                                                     |
| Power Consumption          | AC110V:35.2W:171BTU/h<br>AC220V:35.7W:174BTU/h<br><br>Note:<br>● The measurement in Watts indicates the typical power consumption of the device with no external loading.<br>● 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                     | 10.96 kg ( 24.14 lb )                                                                                                                                                                                                                                                          |
| Dimensions (L x W x H)     | 48.06 x 63.10 x 4.28 cm<br>(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<br>(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





Simply Better Connections

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