

# 1-Local/Remote Shared Access 8/16-Port USB HDMI Single Rail WideScreen FHD LCD KVM over IP Switch

CL3708iNW (8-Port, 18.5" LCD)

CL3716iNW (16-Port, 18.5" LCD)

The ATEN CL3708iNW / CL3716iNW 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 / CL3716iNW 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

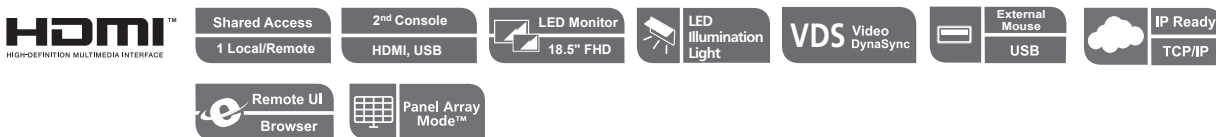
Supporting direct USB and HDMI connections to 8 or 16 computers, the CL3708iNW / CL3716iNW enables efficient centralized management from a single console. An external USB and HDMI console output allows simultaneous local and external access, providing greater operational flexibility for multi-operator 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 / CL3716iNW delivers crisp Full HD 1920 × 1080 video at 60 Hz. This ensures clear and accurate visual output, helping operators monitor critical systems with confidence in mission-critical environments. In addition, the CL3708iNW / CL3716iNW 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.



CL3716iNW Front View



CL3716iNW Rear View



CL3708iNW Rear View



## 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

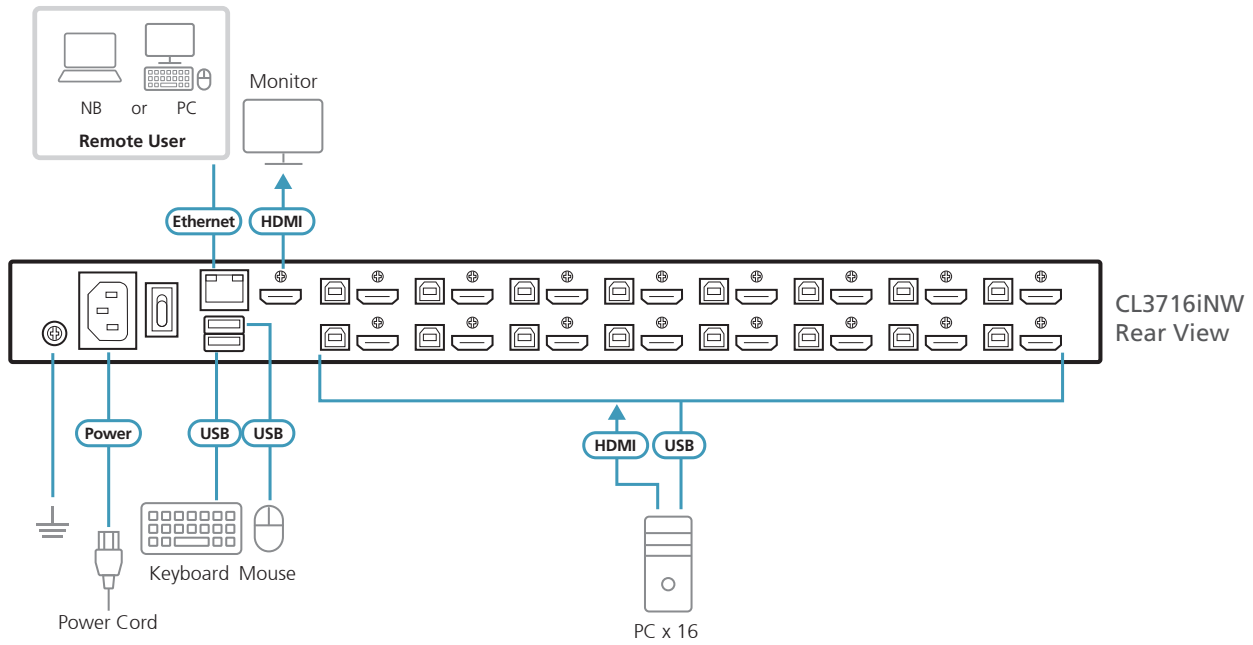
### Reliability and Operational Versatility

- 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.



## Optional

### Rack Mount Kit

Slideaway™ LCD KVM switches / consoles allow users to choose from a host of optional rack mount kits to meet users' needs, including the single person easy installation rack mount kit, which streamlines the rack mounting process.

Normal rack mounting procedures call for at least two people to rack mount a KVM switch/console. The single person easy installation rack mount kit enables one person to rack mount a Slideaway™ LCD KVM switch / console. In just a matter of minutes, Slideaway™ LCD KVM switch / console can go from the box to the rack.

For convenience and flexibility, there are one standard and three optional rack mounting kits available:

Standard Rack Mount Kit	Depth (cm)
<b>Short</b> (Standard)	58 – 80
<b>2X-040G</b> (Long / Optional)	70 – 105

Easy Installation Rack Mount Kit	Depth (cm)
<b>2K-0005</b> (Short / Optional)	57 – 70
<b>2K-0006</b> (Long / Optional)	68 – 105

## Specifications

	CL3708iNW	CL3716iNW
<b>Computer Connections</b>		
Direct	8	16
Maximum	8	16
<b>Port Selection</b>		
OSD, Hotkey, Pushbutton		
<b>Connectors</b>		
KVM Ports	8 x HDMI Female 8 x USB Type-B Female	16 x HDMI Female 16 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 2 x USB Type-A Female	
LAN Ports	1 x RJ-45 Female	
<b>Switches</b>		
Port Selection	8 x Pushbutton	16 x Pushbutton
Reset	1 x Semi-recessed Pushbutton	
Power	1 x Rocker Switch	
LCD Control	4 x Pushbutton	
LCD Power	1 x LED Pushbutton	
<b>LEDs</b>		
Online	8 (Orange)	16 (Orange)
Selected	8 (Green)	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	
<b>Panel Spec</b>		
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/m <sup>2</sup>	
<b>Video</b>		
Remote	1920 x 1200 @ 60 Hz	
Input Video Resolution	up to 1920 x 1200 @ 60 Hz	
Second console	1920 x 1200 @ 60 Hz	
<b>Scan Interval</b>		
1-255 seconds		
<b>Emulation</b>		
Keyboard / Mouse	USB	
<b>Maximum Input Power Rating</b>		
100-240 VAC, 50/60 Hz, 1 A		
<b>Power Consumption</b>		
	AC110V:35.2W AC220V:35.7W	AC110V:42.1W AC220V:41.7W
<b>Environmental</b>		
Operating Temperature	0 – 40°C	
Storage Temperature	-20 – 60°C	
Humidity	0 – 80% RH, Non-condensing	
<b>Physical Properties</b>		
Housing	Metal + Plastic	
Rail Type	Single Rail	
Weight	10.96 kg	
Dimensions (L x W x H)	48.06 x 63.10 x 4.28 cm	
Body Dimensions (L x W x H)	44.92 x 58.40 x 4.28 cm	

**Note:** Body Dimensions exclude I/O ports, handles, and mounting brackets.

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