CL3884NW

4-Port USB HDMI Multi-View Dual Rail WideScreen LCD KVM Switch

The ATEN CL3884NW LCD KVM Switch offers a space-saving, streamlined approach to KVM switch technology by integrating a keyboard, a 18.5" LED-backlit LCD monitor, and a touchpad in a 1U rack-mountable slide housing. The dual rail design enables the LCD monitor, keyboard and touchpad to operate independently of each other. To maximize space utilization, the keyboard and touchpad modules can slide back to "hideaway" when not in use, while the LCD monitor rotates back, flush against the rack, to allow convenient monitoring of computer activity.

The CL3884NW offers dual console outputs that guarantees users real-time monitoring functionality. Users can control both outputs to display the following display modes: Quad View, Picture in Picture (PiP), Picture by Picture (PbP), and Picture on Picture (PoP). The display modes have different layout options to allow users to customize which sources are being displayed. In addition, being able to cascade up to 2 levels, the CL3884NW can reach up to a maximum of 16 video sources that can be simultaneously displayed and controlled with independent keyboard and mouse.

Featuring Boundless Switching, the CL3884NW allows users to switch control to another computer by simply moving the mouse cursor across a screen border and onto the target computer display without limitations. With patented ATEN technology – Video DynaSync ™, users can enjoy better display resolutions and faster switching between systems. What's more, the EDID modes are available for smooth power-up, high-quality display that eliminate monitor compatibility issue.

For added convenience, users can choose to manage the computer from an external console. The CL3884NW features a USB peripheral port on the unit's front panel, ports for the external KVM console (USB keyboard/mouse and HDMI monitor) on the rear panel, and audio ports for connecting audio speakers.

The CL3884NW is a feature-rich LCD KVM switch which exceeds the requirements for control room applications in any industry in terms of its capabilities of optimizing video quality, space utilization, adaptive deployment, and operational versatility.

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

HDMI™
HIGH-DEFINITION MULTIMEDIA INTERFACE

Features

- Reliability and Operational Versatility
  - Multi-view console controls up to four video sources on one screen with display modes including Quad View, Picture in Picture (PiP), Picture by Picture (PbP), and Picture on Picture (PoP)
  - Quick Access Toolbar – intuitive user interface for editing
  - Supports an extra console via USB/HDMI connectors for up to two console displays*
  - Display mode layout customization
  - Superior video quality – 1920 x 1200 @ 60 Hz
  - Computer selection via pushbuttons, hotkeys, OSD, and RS-232 commands
  - Boundless Switching – simply moves the mouse cursor across windows to switch to other video sources
  - Video DynaSync™ – an exclusive ATEN technology that eliminates boot-up display problems and optimizes the resolution when switching among different sources
  - Easily resizes and/or repositions any PiP or PbP to suit users' viewing needs
  - EDID Expert™ – selects optimum EDID settings for smooth power- up, high-quality display and use of the best video resolution across different screens
  - Cascade up to 2 levels – controls up to 16 computers (with up to 4 x 4 Multi-View mode)
  - Auto Scan mode – enables continuous monitoring of user-selected computers
  - Broadcast mode – allows users to send commands from the console to all computers to perform operations simultaneously
  - Additional hot-pluggable USB peripheral port on front panel
    *Both outputs can provide a combination of multi-view display modes simultaneously. However, users can only have one of the two outputs set to full-screen mode.

- Space Utility Optimization
  - Exclusive LED illumination light – designed by ATEN to illuminate the keyboard and touchpad to allow visibility in low-light conditions
  - Integrated KVM console with an 18.5" LED-backlit widescreen LCD monitor in a dual rail housing with top and bottom clearance for smooth operation in a 1U high system rack
  - Dual rail design allows LCD monitor and keyboard/touchpad modules to operate independently
  - Console lock – enables the console drawer to remain securely locked away in position when not in use

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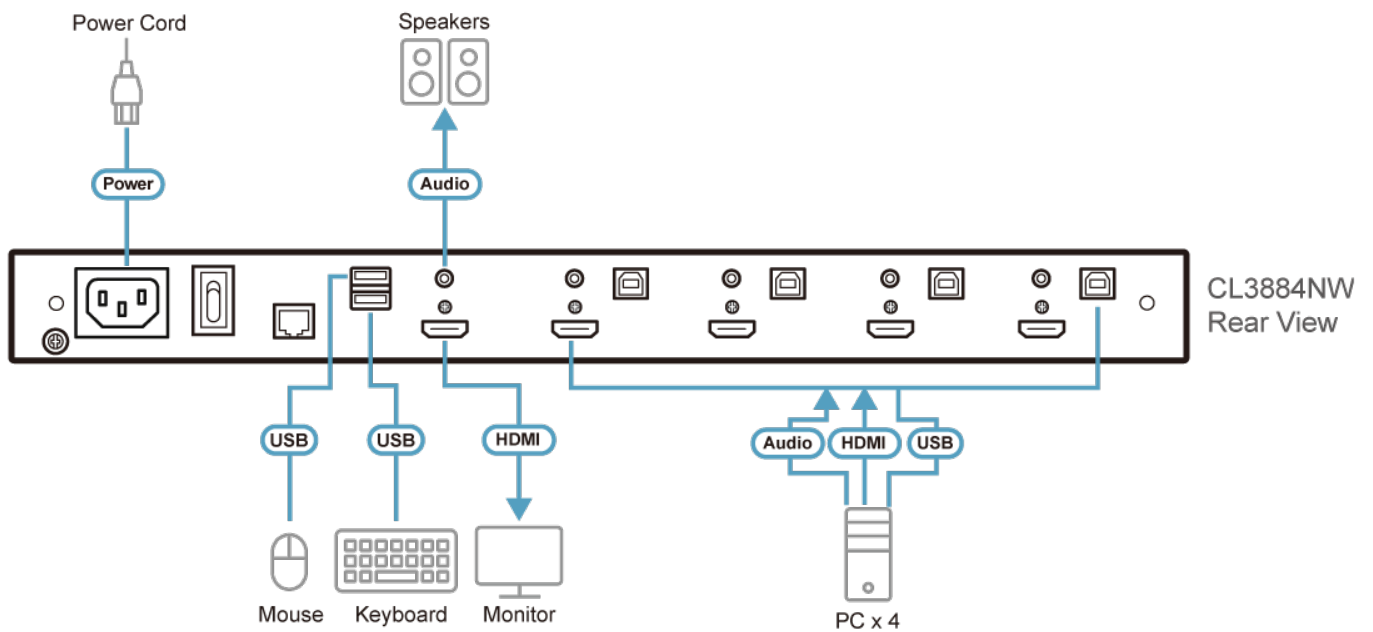 - Firmware upgradable
  - Supports hot-plugging

    More information about "Easy Rack Mounting"...

Specifications

Computer Connections	
Direct	4
Maximum	16 (via Cascade)
Port Selection	OSD, Hotkey, Pushbutton, RS-232 Command
Connectors	
KVM Ports	4 x HDMI Female 4 x USB Type B Female 4 x 3.5mm Audio Jack Female (Green)
Power	1 x IEC 60320/C14
Serial	1 x RJ-45 Female
External Console Ports	1 x HDMI Female 2 x USB Type A Female 1 x 3.5mm Audio Jack Female (Green)
USB Port	1 x USB Type A Female (Front)
Switches	
Port Selection	4 x Pushbutton
Multi-View Mode	5 x Pushbutton
Display Mode	3 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	
Power	1 (Dark Green)
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	1920 x 1080 @ 60 Hz
Response time	20 ms
Viewing Angle	178° (H), 178° (V)
Support Color	16.77M colors
Contrast Ratio	1000 : 1
Luminance	350 cd/m²
Video	
Input Video Resolution	1920 x 1200 @ 60 Hz
Second console	1920 x 1200 @ 60 Hz
Scan Interval	5, 10, 15, 30, 60, 90 seconds (default: 5 seconds)
Emulation	
Keyboard / Mouse	USB
Maximum Input Power Rating	100-240V AC, 50-60Hz, 1A
Power Consumption	AC110V:35.2W:171BTU/h AC220V:35.7W:174BTU/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	0-85% RH, Noncondensing
Physical Properties	
Housing	Metal
Rail Type	Dual Rail
Weight	11.20 kg (24.67 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 58.40 x 4.28 cm (17.68 x 22.99 x 1.69 in.)
Note	For some of rack mount products, please note that the standard physical dimensions of WxDxH are expressed using a LxWxH format.

Diagram

Power Cord

Speakers

Power

Audio

USB

USB

HDMI

Audio HDMI USB

Mouse Keyboard Monitor

PC x 4

CL3884NW
Rear View