

CL3800

Ultra Short Depth Dual Rail WideScreen LCD Console (USB, HDMI / DVI / VGA)



The CL3800 USB HDMI DVI VGA LCD Console is a short depth dual rail LCD KVM console featuring an 18.5" LED-backlit widescreen LCD monitor with an integrated keyboard and touchpad. The short-depth design fits all 19" equipment cabinets, and is especially suitable for shallow racks. In addition to saving valuable space on the rack, the CL3800 also provides a space-saving solution for special environments, such as outside broadcast vans (OB vans) and compact control rooms.

The CL3800 supports three types of video input – HDMI, DVI, and VGA – and provides the ultimate in installation flexibility by allowing users to connect the console and the computer via any of the three types of video source. The CL3800NW's full HD widescreen LCD monitor ensures excellent video quality and provides ample viewing area.

Furthermore, 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 thin profile LCD monitor rotates back, flush against the rack, to allow the convenient monitoring of computer activity.

For added convenience, users can choose to manage the computer from an external console. The CL3800 features a port for an external USB mouse on the unit's front panel, while ports for the second KVM console (USB keyboard/mouse and HDMI, DVI, or VGA monitor) are provided on the rear panel. The CL3800 also includes two mini stereo ports for connecting audio speakers.

With a rich feature set, the CL3800 is designed to exceed the requirements for space utility optimization, superior video quality, adaptive deployment, and operational versatility, and is ideal for applications such as mobile live streaming in the broadcasting sector or control rooms with limited space in any industry.

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

CL3800NW: 18.5" LCD screen with Full HD resolution of 1920 x 1080 @ 60Hz
CL3800NX: 18.5" LCD screen with resolution of 1366 x 768 @ 60Hz (Discontinued)

How to install Ultra Short Depth LCD consoles with ATEN 2-in-1U mounting kit?

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 dual 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
- 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
- Optional 2-in-1U Mounting Kit ([2K-0001/2K-0002/2K-0007](#)) – fitting the CL3800 and a rack KVM switch/KVM over IP switch in 1U of space on a rack for space-saving, easy and flexible operation*

• Remarkable Audio/Video Experience

- Support three types of video inputs – HDMI, DVI, and VGA*
- The 18.5" LCD screen offers resolutions of up to 1920 x 1080 (Full HD) @ 60Hz for CL3800NW and resolutions of up to 1366 x 768 @ 60Hz for CL3800NX
- External console supports input video resolutions up to 1920 x 1200 @ 60Hz
- Audio support for connecting speakers

• Installation Flexibility

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

• Reliability and Operational Versatility

- Supports an external console with USB / HDMI / DVI / VGA connectors*
- Additional hot-pluggable USB mouse port on front panel (also functions as a USB peripheral port)
- Console selection via hotkey
- Standard 105-key keyboard

* Only one video signal (HDMI, DVI-D, or VGA) can be displayed at a time.

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

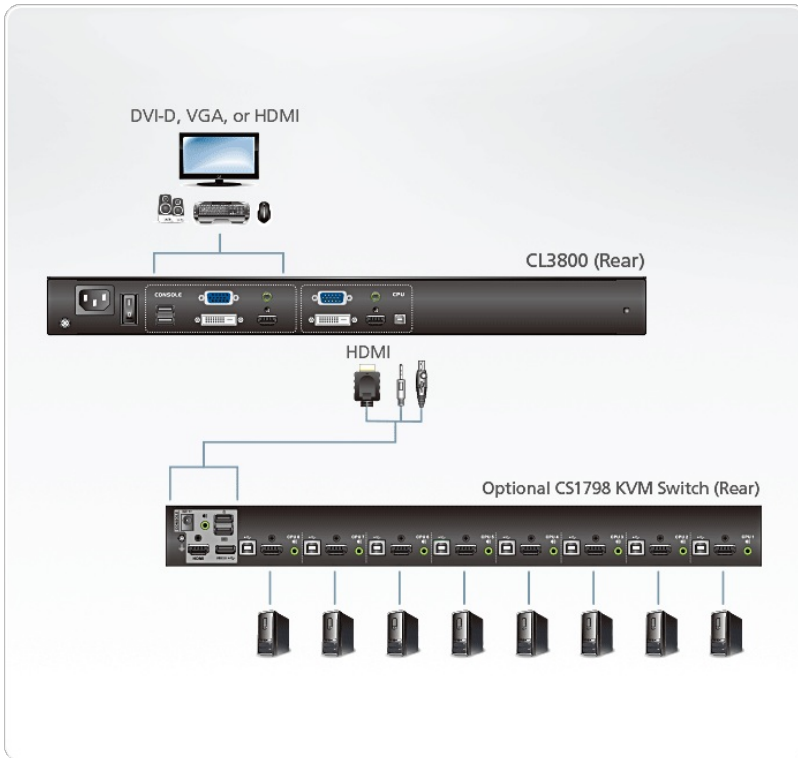


Specifications

| Function | CL3800NW | CL3800NX |
|-----------------------------|-----------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------|
| Computer Connections | | |
| Direct | 1 | 1 |
| Console Selection | Hotkey | Hotkey |
| Connectors | | |
| KVM Ports | 1 x HDMI Female 1 x DVI-D Female (White) 1 x HDB-15 Male (Blue) 1 x USB Type B Female 1 x 3.5mm Audio Jack Female (Green) | 1 x HDMI Female 1 x DVI-D Female (White) 1 x HDB-15 Male (Blue) 1 x USB Type B Female 1 x 3.5mm Audio Jack Female (Green) |
| Firmware Upgrade | 1 x 3.5mm Audio Jack Female (Black) | 1 x 3.5mm Audio Jack Female (Black) |
| Power | 1 x IEC 60320/C14 | 1 x IEC 60320/C14 |
| External Console Ports | 1 x HDMI Female 1 x DVI-D Female (White) 1 x HDB-15 Female (Blue) 2 x USB Type A Female 1 x 3.5mm Audio Jack Female (Green) | 1 x HDMI Female 1 x DVI-D Female (White) 1 x HDB-15 Female (Blue) 2 x USB Type A Female 1 x 3.5mm Audio Jack Female (Green) |
| External Mouse / Peripheral | 1 x USB Type A Female (Front) | 1 x USB Type A Female (Front) |
| Switches | | |
| Reset | 1 x Semi-recessed Pushbutton | 1 x Semi-recessed Pushbutton |
| Firmware Upgrade | 1 x Slide Switch | 1 x Slide Switch |

| | | |
|----------------------------|---------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------|
| Power | 1 x Rocker Switch | 1 x Rocker Switch |
| LCD Control | 4 x Pushbutton | 4 x Pushbutton |
| LCD Power | 1 x LED Pushbutton | 1 x LED Pushbutton |
| LEDs | | |
| Power | 1 x KVM Console (Dark Green) 1 x LCD (Orange) | 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) | 1 x Num Lock (Green) 1 x Caps Lock (Green) 1 x Scroll Lock (Green) |
| LED Illumination Light | 1 x LED Illumination Light | 1 x LED Illumination Light |
| Panel Spec | | |
| LCD Module | 18.5" TFT-LCD | 18.5" TFT-LCD |
| Resolution | 1920 x 1080 @ 60 Hz | 1366 x 768 @ 60 Hz |
| Response time | 20 ms | 5 ms |
| Viewing Angle | 178° (H), 178° (V) | 170° (H), 160° (V) |
| Pixel Pitch | 0.213 mm x 0.213 mm | 0.3 mm x 0.3 mm |
| Support Color | 16.77M colors | 16.77M colors |
| Contrast Ratio | 1000 : 1 | 1000 : 1 |
| Luminance | 350 cd/m ² | 250 cd/m ² |
| Video | | |
| Input Video Resolution | up to 1920 x 1200 @ 60Hz; 1920 x 1080 @ 60 Hz, DDC2B | up to 1920 x 1200 @ 60Hz; 1366 x 768 @ 60 Hz, DDC2B |
| Emulation | | |
| Keyboard / Mouse | USB | USB |
| Maximum Input Power Rating | 100–240V AC; 50–60Hz; 1A | 100–240V AC; 50–60Hz; 1A |
| Power Consumption | AC110V:26.6W:140BTU AC220V:26.8W:141BTU | AC110:18.3W:101BTU AC220:17.8W:98BTU |
| Environmental | | |
| Operating Temperature | 0-40°C | 0-40°C |
| Storage Temperature | -20-60°C | -20-60°C |
| Humidity | 0 - 80% RH, Non-condensing | 0 - 80% RH, Non-condensing |
| Physical Properties | | |
| Housing | Metal + Plastic | Metal + Plastic |
| Rail Type | Dual Rail | Dual Rail |
| Weight | 9.61 kg (21.17 lb) | 9.79 kg (21.56 lb) |
| Dimensions (L x W x H) | 48.06 x 51.42 x 4.28 cm (18.92 x 20.24 x 1.69 in.) | 48.06 x 51.42 x 4.28 cm (18.92 x 20.24 x 1.69 in.) |
| Body Dimensions(L x W x H) | 44.92 X 46.74 X 4.28 cm (17.69 x 18.40 x 1.69 in.) | 44.92 X 46.74 X 4.28 cm (17.69 x 18.40 x 1.69 in.) |
| Note | Body Dimensions exclude I/O ports, handles, and mounting brackets. | 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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