Ultra Short Depth Dual Rail WideScreen LCD Console
(USB, HDMI / DVI / VGA)
CL3800

● 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.

CL3800NW: 18.5" LCD screen with Full HD resolution of 1920 x 1080
CL3800NX: 18.5" LCD screen with resolution of 1366 x 768

CL3800 Front view

CL3800 Rear view

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 CL3800/CL3700/CL3100 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**
- 18.5" LCD screen supports Full HD resolution of 1920 x 1080 @ 60Hz (CL3800NW); 18.5" LCD screen supports resolution of 1366 x 768 @ 60Hz (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
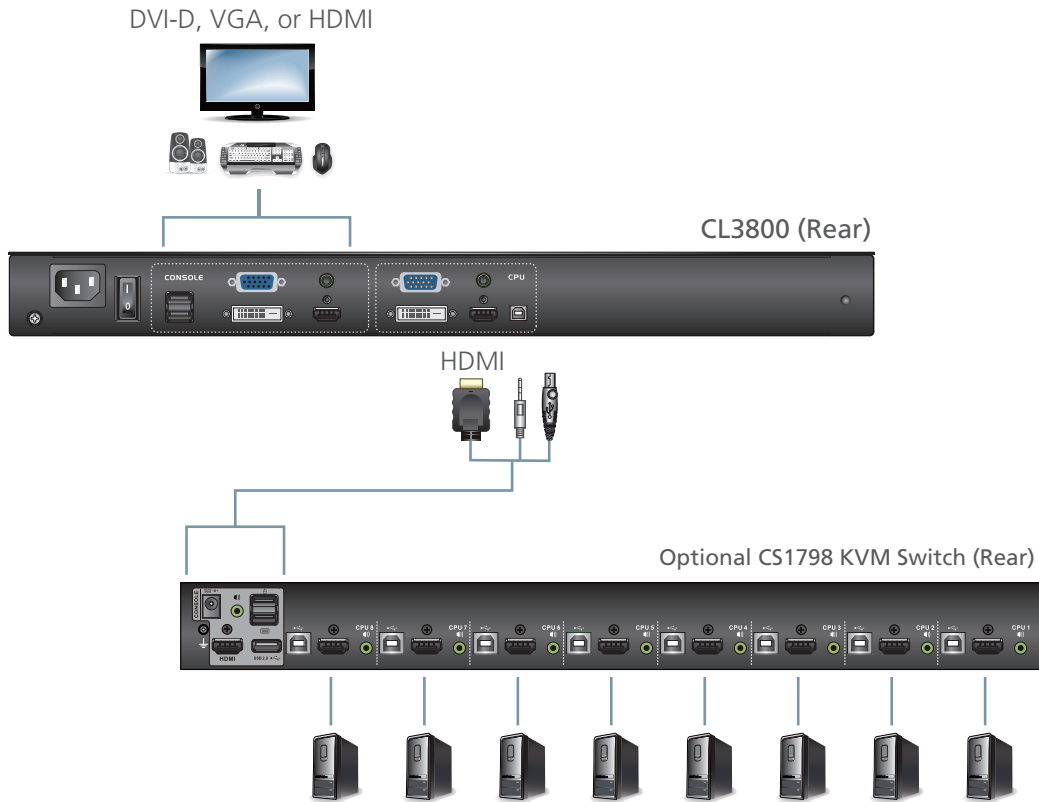- Supports hot-plugging

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
- Keyboard Language support: English(US), English(UK), French, German, German(Swiss), Greek, Hungarian, Italian, Japanese, Korean, Russian, Spanish, Swedish, Traditional Chinese and Turkish
- The design complies to the UL 60950-1 and CAN/CSA standards.

* Contact your ATEN dealer for product information.
** Only one video signal (HDMI, DVI-D, or VGA) can be displayed at time.

DVI-D, VGA, or HDMI

CL3800 (Rear)

HDMI

Optional CS1798 KVM Switch (Rear)

Optional

Single Person Easy Installation Kit

Slideaway™ LCD KVM switches/consoles allow you to choose from a host of optional rack mount kits to meet your 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, your new Slideaway™ LCD KVM switch/console can go from the box to the rack.

For convenience and flexibility, there is one standard, and two optional rack mounting kits available:

Standard Rack Mount Kit	Depth (cm)
Short (Standard)	47 - 75
2X-040G (Long / Optional)	70 - 100

Easy Installation Rack Mount Kit	Depth (cm)
2X-041G (Short / Optional)	45 - 70
2K-0003 (Short / Optional)	46.5 - 70
2X-042G / 2K-0004 (Long / Optional)	68 - 105

Specifications

Function	CL3800NW	CL3800NX
Computer Connections		
Direct	1	
Console Selection	Hotkey	
Connectors		
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)	
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)	
External Mouse / USB Port	1 x USB Type A Female (Front)	
Firmware Upgrade	1 x 3.5mm Audio Jack Female (Black)	
Power	1 x IEC 60320/C14	
Switches		
Reset	1 x Semi-recessed Pushbutton	
Firmware Upgrade	1 x Slide Switch	
Power	1 x Rocker Switch	
LCD Power	1 x LED Pushbutton	
LCD Control	4 x Pushbutton	
LEDs		
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	
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
Panel Spec		
LCD Module	18.5" TFT-LCD	
Resolution	1920 x 1080 @ 60Hz	1366 x 768 @ 60Hz
Pixel Pitch	0.213 mm x 0.213 mm	0.3 mm x 0.3 mm
Response time	20 ms	5 ms
Viewing Angle	178° (H), 178° (V)	170° (H), 160° (V)
Contrast Ratio	1000:1	700 :1
Support Color	16.77M colors	16.77M colors
Luminance	350 cd/m²	200 cd/m²
Emulation		
Keyboard / Mouse	USB	
Maximum Input Power Rating	100 - 240V AC; 50 - 60Hz; 1A	
Power Consumption	AC110V: 26.6W: 140BTU AC220V: 26.8W: 141BTU	AC110V: 18.3W: 101BTU AC220V: 17.8W: 98BTU
Environmental		
Operating Temperature	0 - 40° C	
Storage Temperature	-20 - 60° C	
Humidity	0 - 80% RH, Non-condensing	
Physical Properties		
Housing	Metal + Plastic	
Rail Type	Dual Rail	
Weight	9.61 kg	9.79 kg
Dimensions (L x W x H)	48.06 x 51.42 x 4.28 cm	
Body Dimensions (L x W x H)	44.92 x 46.74 x 4.28 cm	

Note:

1. For some rack mount products, please note that the standard physical dimensions of WxDxH are expressed using a LxWxH format.
2. Body Dimensions exclude I/O ports, handles, and mounting brackets.

Product information is subject to change without prior notice.