CL3000

Lightweight Single Rail LCD Console (PS/2-USB, VGA)

The CL3000 Lightweight PS/2-USB LCD Console is a LCD KVM console that serves as the front end console for compatible KVM switches.

Lightweight and with a 19" power-saving LED-backlit LCD, the CL3000 offers a space-saving, streamlined approach to KVM switch technology by integrating a keyboard, LED-backlit LCD monitor, and touchpad in a 1U housing.

In addition, testing is performed utilizing the MIL-STD-810G* (Method 514.6, Procedure 1, Category 4 Common Carrier) procedure for Vibration Certification. MIL-STD-810G testing provides proven reliable operations of the CL3000 in harsh environments, by using advanced testing to emphasize the equipment's environmental design and limits in real world conditions that it will experience throughout its life; such as operating in a moving vehicle or on a factory floor where high vibrations occur often.

*MIL-STD-810G Method 514.6, Procedure I, Category 4
(Common Carrier, US Highway Truck Vibration Exposure) Exposed to random vibration tests at different levels based on axes from 5 to 500 Hz, for one hour per axis. Total levels applied are 1.07 Grms vertical axis (Z axis), 0.76 Grms transverse axis (Y axis), and 0.76 Grms longitudinal axis (X axis)

Note: Optional rack mount kits are available. For more information, refer to Compatible Accessories below or the link: LCD KVM Optional Rack Mount Kit

CL3000N: 19" LCD

Features

- Exclusive LED illumination light – designed by ATEN to illuminate the keyboard and touchpad to allow visibility in low-light conditions
- Integrated KVM console featuring a 19" LCD monitor
- Green power LED-backlit LCD monitor saves energy
- Lightweight design for easier installation
- Advanced Random Vibration Resistance Testing - MIL-STD-810G certified
- Dual Interface – supports computers with PS/2 or USB keyboards and mice
- Additional hot-pluggable USB mouse port on the front panel (also functions as a USB peripheral port)
- Multiplatform support – Windows, Linux, Mac, and Sun
- Superior video quality – up to 1280 x 1024 @ 75 Hz; DDC2B
- Firmware upgradable
- Extra console port – manage computers from an external console (monitor, USB or PS/2 keyboard and mouse)
- Console lock – the console remains securely locked away when not in use
- Slideaway™ housing is slightly less than 1U with top and bottom clearance for smooth operation in 1U of rack space
- DDC emulation – video settings of each computer are automatically adjusted for optimal output to the monitor
- Adjustable depth to fit within a rack
- Optional rack mount kits available including easy installation options
- Standard 105-key keyboard
- Keyboard Language supports English (US), English (UK), French, German, German (Swiss), Greek, Hungarian, Italian, Japanese, Korean, Russian, Spanish, Swedish and Traditional Chinese
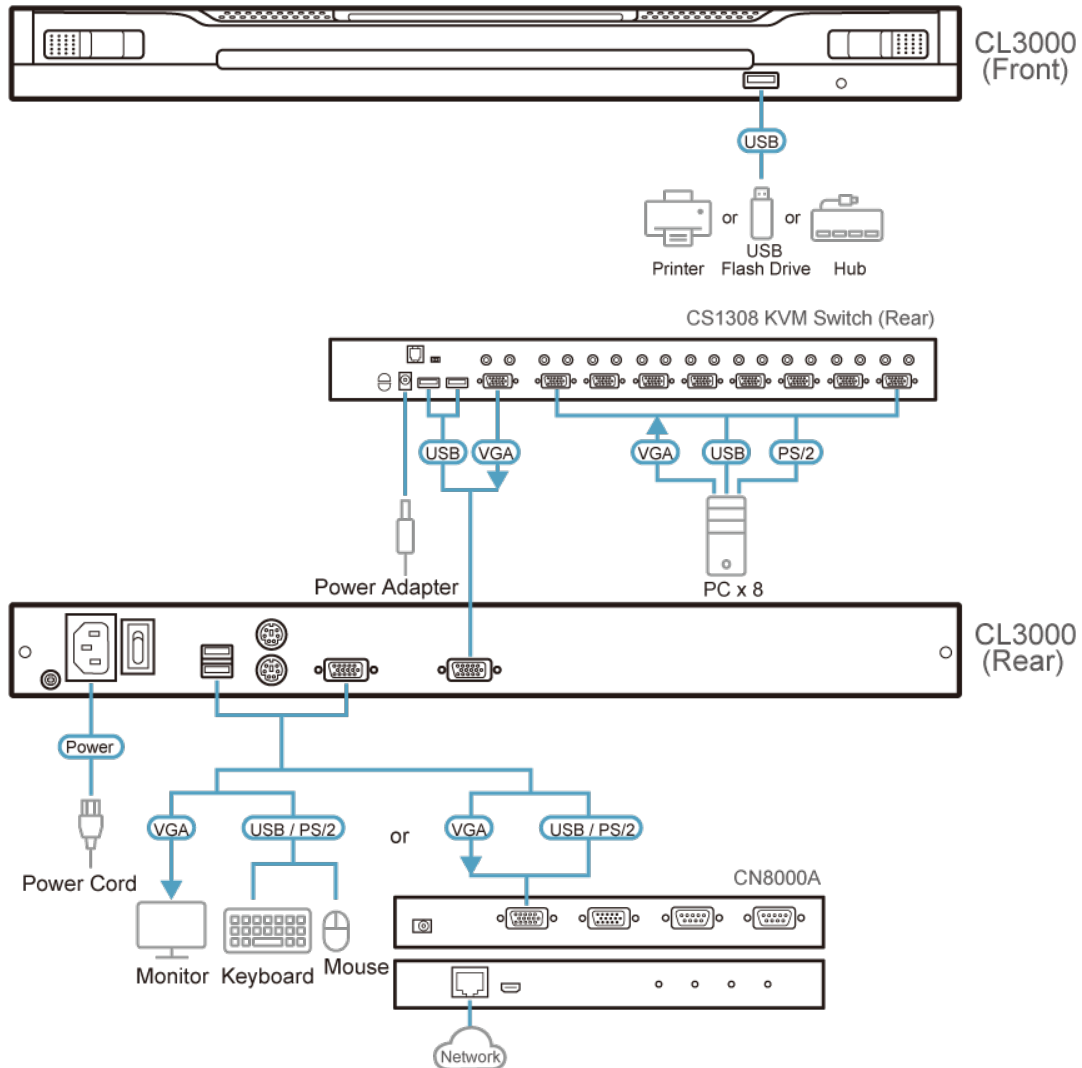
  More information about "Easy Rack Mounting"...

Specifications

Function	CL3000N
Computer Connections	
Direct	1
Console Selection	Hotkey
Connectors	
KVM Ports	1 x SPHD Female (Yellow)
Power	1 x IEC 60320/C14
External Console Ports	1 x HDB-15 Female (Blue) 2 x USB Type A Female 1 x 6-pin Mini-DIN Female (Purple) 1 x 6-pin Mini-DIN Female (Green)
External Mouse / Peripheral	1 x USB Type A Female (Front)
Switches	
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 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
Panel Spec	
LCD Module	19" TFT-LCD
Resolution	1280 x 1024@75Hz
Response time	5 ms
Viewing Angle	170° (H), 160° (V)
Pixel Pitch	0.294 mm x 0.294 mm
Support Color	16.77M colors

Contrast Ratio	1000:1
Luminance	250 cd/m²
Video	
Input Video Resolution	up to 1920 x 1200 @ 60Hz; 1280 x 1024 @ 75 Hz, DDC2B
Emulation	
Keyboard / Mouse	PS/2, USB
Maximum Input Power Rating	100–240VAC; 50–60Hz; 1A
Power Consumption	AC110V:23.8W:122BTU AC220V:25.4W:130BTU
Random Vibration Resistant Test	MIL-STD-810G Certified Test Conditions: • Frequency Range: 5-500Hz • Grams: Value X, Y axis 0.76Grms, Z axis 1.07Grms • Test Duration: 1 hour/per axis
Environmental	
Operating Temperature	0–50°C
Storage Temperature	-20–60°C
Humidity	0–80% RH, Non-condensing
Physical Properties	
Housing	Aluminum
Rail Type	Single Rail
Weight	9.00 kg (19.82 lb)
Dimensions (L x W x H)	48.00 x 58.92 x 4.40 cm (18.9 x 23.2 x 1.73 in.)
Note	For some of rack mount products, please note that the standard physical dimensions of WxDxH are expressed using a LxWxH format.

Diagram

CL3000 (Front)

USB

Printer or USB Flash Drive or Hub

CS1308 KVM Switch (Rear)

USB VGA   VGA USB PS/2

Power Adapter   PC x 8

CL3000 (Rear)

Power

VGA USB / PS/2   or   VGA USB / PS/2

Power Cord   CN8000A

Monitor Keyboard Mouse

Network