

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

CL3000 (CL3000N: 19" LCD)

The CL3000 Lightweight PS/2-USB LCD Console is an integrated KVM (keyboard, monitor, and mouse) console module 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.

Note: 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).



Front View

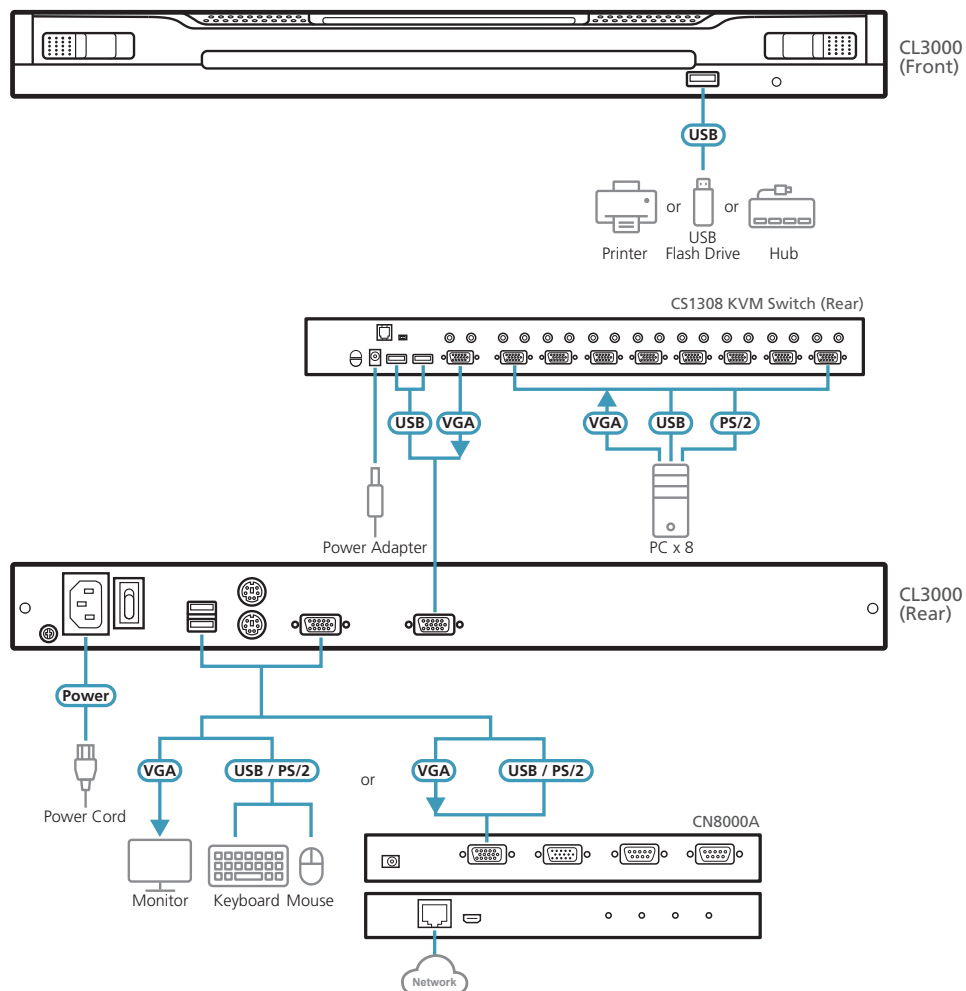


Rear View



## 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



## Specifications

	CL3000N
<b>Computer Connections</b>	
Direct	1
<b>Console Selection</b>	
	Hotkey
<b>Connectors</b>	
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)
<b>Switches</b>	
Reset	1 x Semi-recessed Pushbutton
Firmware Upgrade	1 x Slide Switch
Power	1 x Rocker Switch
LCD Power	4 x Pushbutton
LCD Adjustment	1 x LED Pushbutton
<b>LEDs</b>	
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	19" TFT-LCD
Resolution	1280 x 1024 @ 75 Hz
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/m <sup>2</sup>
<b>Video</b>	
Input Video Resolution	up to 1920 x 1200 @ 60 Hz
	1280 x 1024 @ 75 Hz, DDC2B
<b>Emulation</b>	
Keyboard / Mouse	PS/2, USB
<b>Maximum Input Power Rating</b>	
	100 - 240 VAC; 50 - 60 Hz; 1A
<b>Power Consumption</b>	
	AC 110V:23.8W AC 220V:25.4W
<b>Random Vibration Resistant Test</b>	
	MIL-STD-810G Certified Test Conditions: <ul style="list-style-type: none"> <li>• Frequency Range: 5 – 500 Hz</li> <li>• Grams: Value X, Y axis 0.76Grms, Z axis 1.07 Grms</li> <li>• Test Duration: 1 hour / per axis</li> </ul>
<b>Environmental</b>	
Operating Temperature	0 – 50 °C
Storage Temperature	-20 – 60 °C
Humidity	0 – 80% RH, Non-Condensing
<b>Physical Properties</b>	
Housing	Aluminum
Rail Type	Single Rail
Weight	9.00 kg
Dimensions (L x W x H)	48.00 x 58.92 x 4.40 cm

### ATEN International Co., Ltd.

3F, No.125, Sec. 2, Datung Rd., Sijhih District., New Taipei City 221, Taiwan  
Phone: 886-2-8692-6789 Fax: 886-2-8692-6767  
www.aten.com E-mail: marketing@aten.com

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