

## CL3000

Lightweight PS/2-USB VGA LCD Console with USB Peripheral Support



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, Category4

(Common Carrier, US Highway Truck Vibration Exposure) Exposed to random vibration [tests](#) at different levels based on axes from 5 to 500Hz, for one hour per axis. Total levels applied are 1.07Grms vertical axis (Z axis), 0.76Grms transverse axis (Y axis), and 0.76Grms longitudinal axis (X axis)

### 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
- Standard 105-key keyboard
- Keyboard Language support: 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

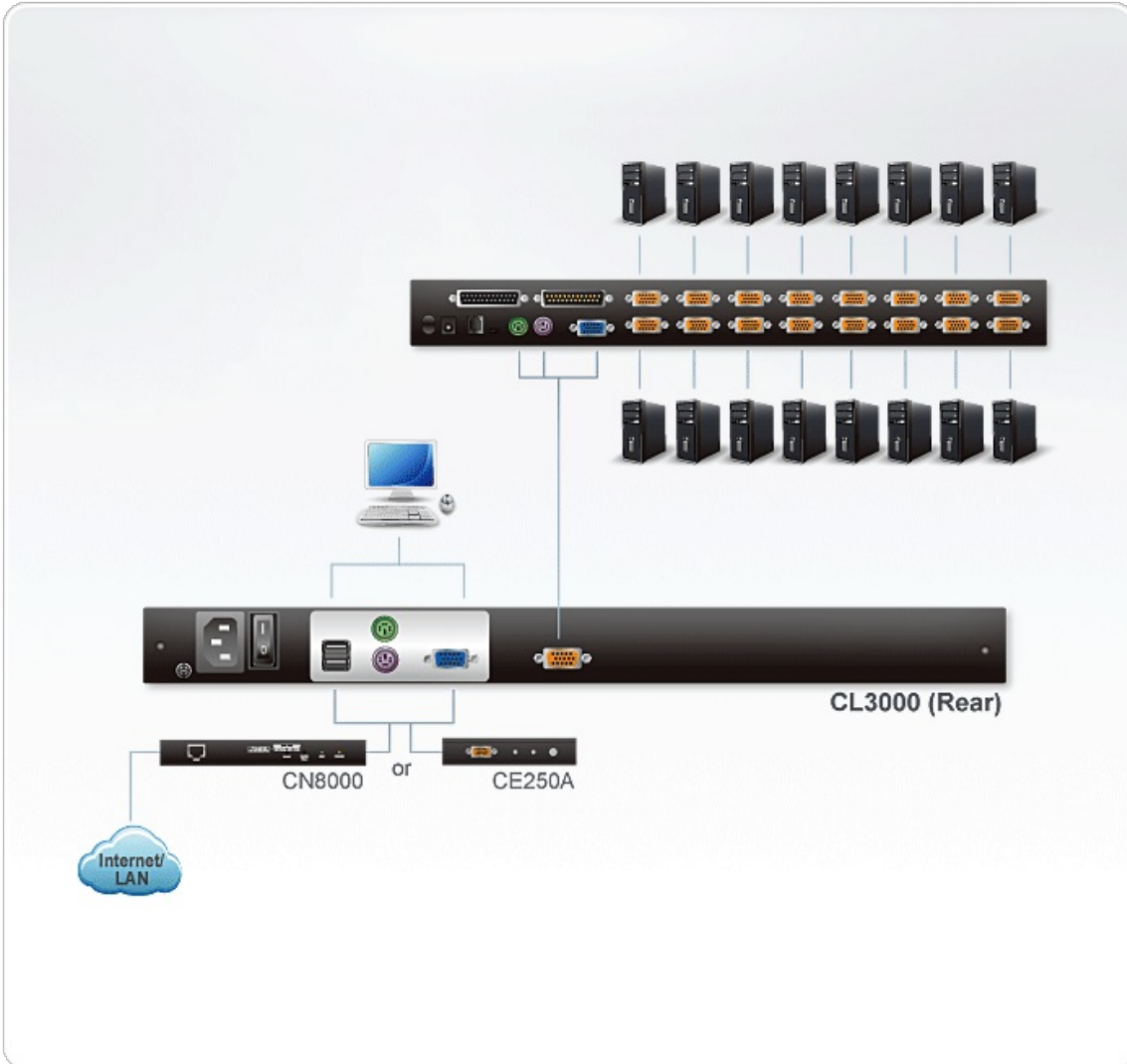
Lightweight PS/2-USB LCD Console

Function	CL3000N
Computer Connections	
Direct	1
Console Selection	Hotkey
Connectors	
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)
KVM Ports	1 x SPHD-18 Female (Yellow)
USB Port	1 x USB Type A Female
Firmware Upgrade	1 x RJ-11 Female
Power	1 x 3-prong AC Socket
Switches	
Reset	1 x Semi-recessed Pushbutton
Power	1 x Rocker
Firmware Upgrade	1 x Slide
LCD Power	1 x Pushbutton
LCD Adjustment	4 x Pushbutton

LEDs	
Power	1 x KVM Console (Dark Green) 1 x LCD (Orange)
Lock	1 x NumLock (Green) 1 x CapsLock (Green) 1 x ScrollLock (Green)
Video	
Input Video Resolution	1920 x 1200 @60Hz
Panel Spec	
LCD Module	19" TFT-LCD
Resolution	1280 x 1024@75Hz, DDC2B
Pixel Pitch	0.294 mm x 0.294 mm
Response time	5 ms
Viewing Angle	170° (H), 160° (V)
Contrast Ratio	1000:1
Support Color	16.7M colors
Luminance	250 cd/m <sup>2</sup>
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: <ul style="list-style-type: none"> <li>• Frequency Range: 5-500Hz</li> <li>• Grams: Value X, Y axis 0.76Grms, Z axis 1.07Grms</li> <li>• Test Duration: 1 hour/per axis</li> </ul>
Environmental	
Operating Temperature	0–50°C
Storage Temperature	-20–60°C
Humidity	0–80% RH, Non-condensing
Physical Properties	
Housing	Aluminum
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



**ATEN International Co., Ltd.**

3F, No.125, Sec. 2, Datong 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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