

# 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, 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)

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

## CL3000N: 19" LCD

For possible keyboard languages for the EU regions, please follow this link





#### 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 monito •
- 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 co ge computers from an external console (monitor, USB or PS/2 keyboard and mouse) e port – mar
- •
- 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 ٠
- Available keyboard layouts: English (US), English (UK), German, German (Swiss), French, Italian, Spanish, Nordic

More information about "Easy Rack Mounting"...

#### Specification

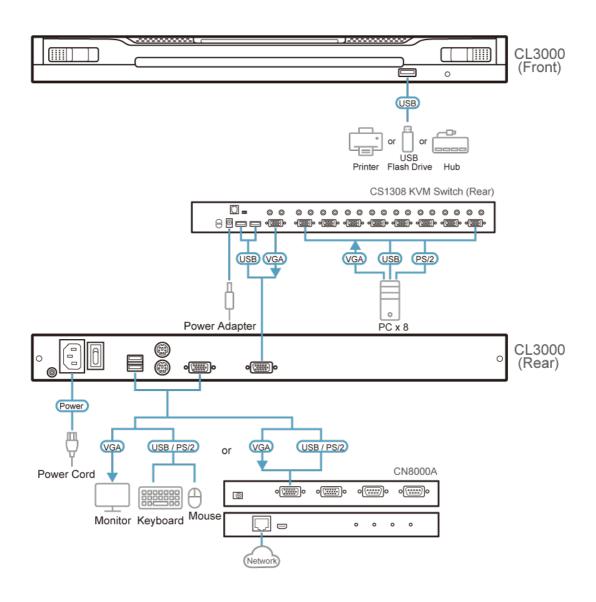
Fundon03000ConclotometorsDirect ConnectionsDirect ConclotometorsKM PortsNay ConclotometorsKM Ports1 SPD Ponie (Yolow)Poorer1 SPD Ponie (Yolow)Poorer <th></th> <th></th>			
Direct         1           Concole Selection         Hotkey           Connectors            KVA Ports         1 x SPHD Female (Velow)           Power         1 x EDB 2002/C14           External Console Ports         1 x HDB 15 Female (Velow)           2 x EdB 0020/C14         1 x HDB 15 Female (Velow)           External Adouse / Pergheral         1 x EDB 0020/C14           External Adouse / Pergheral         1 x UB Type A Female (Green)           External Monicus / Pergheral         1 x UB Type A Female (Green)           Switches            Firmware Upgrado         1 x Stern Yeange (Green)           External Mouse / Pergheral         1 x Stern Yeange (Green)           Firmware Upgrado         1 x Stern Yeange (Green)           Firmware Upgrado         1 x Stern Yeange (Green)           External Mouse / Pergheral         1 x Stern Yeange (Green)           LCD Control         1 x Node Stelch           LCD Control         1 x Node Stelch           LCD Control         1 x KDM Console (Drik Green)           x LCD (Creange)         1 x LCD (Creange)           LCD Module         1 y NTL Cole           Resolution         1 200 x 1024/875Hz           Resolution         1 200 x 1024/875Hz	Function	CL3000N	
Concel Selection         Holey           Connectors              X SPHD Fomale (Yellow)             X SPLD Extends (Yellow)             X SPLD Formale (Tellow)	Computer Connections		
Connectors           KVW Poris         1 x BPID Female (Yellow)           Power         1 x LEC 60320C14           External Console Ports         1 x HDB-15 Female (Blus) 2 x UBB Type A Female (Prort) 1 x E Bit Type A Female (Prort) 1 x E Bit Type A Female (Prort) 1 x E Bit Type A Female (Front)           External Mouse / Peripheral         1 x UBB Type A Female (Front)           Switches         -           Fest         1 x SuB Type A Female (Front)           Switches         -           Power         1 x SuB Type A Female (Front)           Switches         -           Power         1 x SuB Type A Female (Front)           Switches         -           Power         1 x SuB Type A Female (Front)           LCD Control         1 x SuB Type A Female (Front)           LCD Control         1 x SuB Type A Female (Front)           LCD Power         1 x Num Cox SuB Type A Female (Front)           LCD Power         1 x KUW Console (Dark Gener)           LCD Power         1 x KUW Console (Dark Gener)           LCD Module         1 x LCD (Corent)           1 x SuB LOX (Green)         1 x CLD Iturination Light           Parel Spec         -           LCD Module         19" TFT LCD           Resolution         1 x 280 x 1024@75Hz	Direct	1	
KVM Pors         1 x SPHD Female (Yellow)           Power         1 x IEC 60320/C14           External Console Ports         1 x ISD Type A Female (Tupple) 1 x Egn Mint-DN Female (Tupp	Console Selection	Hotkey	
Power         1 x IEC 60320/C14           External Console Ports         1 x VDP.15 Fernale (Bule) 2 x USB Type A Fernale (Purgle) 1 x 6 pin Mini-DIN Fernale (Purgle) 1 x 6 pin Mi	Connectors		
External Console Ports         1 x HDB-15 Female (Blue)	KVM Ports	1 x SPHD Female (Yellow)	
L USB Type A Female i X 6pin Min-DIN Female (Green)External Mouse / Peripheral1 x USB Type A Female (Front)Switches1 x Semi-recessed PushuttonFreet1 x Semi-recessed PushuttonFirmware Upgrade1 x Suit-Recessed PushuttonPower1 x Rocker SwitchLCD Control4 x PushuttonLCD Control1 x ED PushuttonLCD Power1 x ED PushuttonLCD Rower1 x ED PushuttonLCD Module1 x ED PushuttonLCD Module1 x ED Ilumination LightPower1 s Got X (Green) 1 x Sord Lcx (Green) 1 x Sord Lc	Power	1 x IEC 60320/C14	
Switches           Reset         1 x Semi-recessed Puehbutton           Firmware Ugrade         1 x Slide Switch           Power         1 x Rocker Switch           LCD Control         4 x Pushbutton           LCD Power         1 x LCD Pushbutton           LCD Power         1 x LCD Pushbutton           LCD Power         1 x LCD Pushbutton           LCD Power         1 x KVM Console (Dark Green) 1 x LCD (Orange)           LCD K         1 x LCD (Orange)           Power         1 x LCD (Orange)           LCD K         1 x LD Illumination Light           Lock         1 x LD Illumination Light           Panel Spec         1 t LD Illumination Light           Resolution         1 280 x 1024@75Hz           Resolution         1 70° (H). 160° (V)           Pwing Angle         0.294 mm x 0.294 mm           Support Color         16.771 colors	External Console Ports	2 x USB Type A Female 1 x 6-pin Mini-DIN Female (Purple)	
Reset       1 x Semi-recessed Pushbutton         Firmware Upgrade       1 x Side Switch         Power       1 x Rocker Switch         LCD Control       4 x Pushbutton         LCD Power       1 x LED Pushbutton         LCD Power       1 x LED Pushbutton         LCD Source       1 x KVM Console (Dark Green) 1 x LCD (Green) 1 x COB (Green) 1 x COB (Green) 1 x Scroll Lock (Green) 1 x Scroll Lock (Green)         Lock       1 x LED Ilumination Light         Power       1 x LED Ilumination Light         Posel Spec       1 x LED Ilumination Light         Locb Module       19" TFT-LCD         Resolution       1280 x 1024@75Hz         Resolution       1280 x 1024@75Hz         Resolution       170" (H), 160" (V)         Pixel Pitch       0.294 mm x 0.294 mm         Support Color       16.77M colors	External Mouse / Peripheral	1 x USB Type A Female (Front)	
Firmware Upgrade1 x Side SwitchPower1 x Rocker SwitchLCD Control4 x PushbuttonLCD Power1 x LED PushbuttonLEDs	Switches		
Power         1 x Rocker Switch           LCD Control         4 x Pushbutton           LCD Power         1 x LED Pushbutton           LEDs	Reset	1 x Semi-recessed Pushbutton	
LCD Control         4 x Pushbutton           LCD Power         1 x LED Pushbutton           LEDs	Firmware Upgrade	1 x Slide Switch	
LCD Power1 x LED PushbuttonLCD Power1 x KUM Console (Dark Green) 1 x LCD (Orange)Power1 x KUM Console (Dark Green) 1 x LCD (Orange)Lock1 x Num Lock (Green) 1 x Caps Lock (Green) 1 x Scrill Lock (Green) 1 x Scrill Lock (Green)LED Illumination Light1 x LED Illumination LightPanel Spec1 x 800 x 1024@75HzResolution1 x800 x 1024@75HzResolution5 msViewing Angle10° (V)Pixel Pitch0.294 mm x 0.294 mmSpen Clor16.77M colors	Power	1 x Rocker Switch	
LEDs         Power       1 x KWM Console (Dark Green) 1 x LCD (Orange)         Lock       1 x Num Lock (Green) 1 x Coge Lock (Green) 1 x Corol Lock (Green) 1 x Corol Lock (Green) 1 x Corol Lock (Green)         LED Illumination Light       1 x LED Illumination Light         Panel Spec       1 x LED Illumination Light         LCD Module       19" TFT-LCD         Resolution       1280 x 1024@75Hz         Resolution       5 ms         Viewing Angle       10° (V)         Pixel Pitch       0.294 mm x 0.294 mm         Support Color       16.77M colors	LCD Control	4 x Pushbutton	
Power       1 x KVM Console (Dark Green) 1 x LCD (Orange)         Lock       1 x Num Lock (Green) 1 x Cop Lock (Green)         LED Illumination Light       1 x LED Illumination Light         Panel Spec       1 x TT-LCD         Resolution       19" TT-LCD         Resolution       1280 x 1024@75Hz         Resolution       10" (H), 160° (V)         Pixel Pitch       0.294 mm x 0.294 mm         Support Color       16.77M colors	LCD Power	1 x LED Pushbutton	
1 x LCD (Orange)Lock1 x Num Lock (Green) 1 x Caps Lock (Green) 1 x Scroll Lock (Green)LED Illumination Light1 x LED Illumination LightPanel Spec19" TFT-LCDLCD Module19" TFT-LCDResolution1280 x 1024@75HzResponse time5 msViewing Angle170° (H), 160° (V)Pixel Pitch0.294 mm x 0.294 mmSupport Color16.77M colors	LEDs		
1 × Caps Lock (Green)         1 × Scroll Lock (Green)         LED Illumination Light         Panel Spec         LCD Module       19" TFT-LCD         Resolution       1280 × 1024@75Hz         Response time       5 ms         Viewing Angle       170° (H), 160° (V)         Pixel Pitch       0.294 mm × 0.294 mm         Support Color       16.77M colors	Power	1 x KVM Console (Dark Green) 1 x LCD (Orange)	
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	Lock	1 x Caps Lock (Green)	
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	LED Illumination Light	1 x LED Illumination Light	
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	Panel Spec		
Response time     5 ms       Viewing Angle     170° (H), 160° (V)       Pixel Pitch     0.294 mm x 0.294 mm       Support Color     16.77M colors	LCD Module	19" TFT-LCD	
Viewing Angle     170° (H), 160° (V)       Pixel Pitch     0.294 mm x 0.294 mm       Support Color     16.77M colors	Resolution	1280 x 1024@75Hz	
Pixel Pitch     0.294 mm x 0.294 mm       Support Color     16.77M colors	Response time	5 ms	
Support Color 16.77M colors	Viewing Angle	170° (H), 160° (V)	
	Pixel Pitch	0.294 mm x 0.294 mm	
Contrast Ratio 1000:1	Support Color	16.77M colors	
	Contrast Ratio	1000:1	



Luniansee         280 adm <sup>2</sup> Video         1000 1000 1200 060H2; 1300 060H2; 13000H2; 13000H2; 1300 060H2; 1300 060H2; 13000 060H2; 1300 060H2; 1		·	
Input Video Resolution         up to 1920 x 1200 @ 60Hz: 1280 x 1024 @ 75 Hz, DDC2B           Emulation           Keyboard / Mouse         P5/2, USB           Maximum Input Power Rating         100-240VAC; 50-60Hz; 1A           Power Consumption         AC110/23.8W:122BTUh Ac220V25.4W:30BTUh Note: - The measurement in Watts indicates the typical power consumption of the device with no external loading.           Random Vibration Resistant Test         Multi-STD-810G Centified Test Conditions: - Frequency Range: - 500Hz - Gramps - 500Hz           Environmental         Operating Temperature         0-50°C           Storage Temperature         -0-60°C           Humidity         0-80% RH, Non-condensing           Physical Properties         Single Rail           Housing         Aluminum           Maximum (1), LX WX H)         48.00 x 58.92 x 4.40 cm (18.9 x 23.2 x 1.73 in.)	Luminance	250 cd/m <sup>2</sup>	
I 280 × 1024 @ 75 Hz, DDC28       Emulation       Keyboard / Mouse     PS2, USB       Maximum Input Power Rating     100-240VAC; 50-60Hz; 1A       Power Consumption     ACI 107/23 8W;1228TU/h AC220V25.4W;1308TU/h Note: • The measurement in Watts indicates the typical power consumption of the device with no external loading. • The measurement in BU/L indicates the power consumption of the device with no external loading. • The measurement in BU/L indicates the power consumption of the device with no external loading. • The measurement in BU/L indicates the power consumption of the device with no external loading. • The measurement in BU/L indicates the power consumption of the device with no external loading. • The measurement in BU/L indicates the power consumption of the device with no external loading. • The measurement in BU/L indicates the power consumption of the device with no external loading. • The measurement in BU/L indicates the power consumption of the device with no external loading. • The measurement in BU/L indicates the power consumption of the device with no external loading. • The measurement in BU/L indicates the power consumption of the device with no external loading. • The uner SUME X Y and SUME X Y and SUME X Y and SUME X SUM X	Video		
Keyboard / Mouse         PSi2, USB           Maximum Input Power Rating         100-240VAC; 50-60Hz; 1A           Power Consumption         AC110V:23.8W:122BTU/h AC220V:25.4W:130BTU/h Note: • The measurement in Watts indicates the typical power consumption of the device with no external loading. • The measurement in BTU/h indicates the power consumption of the device when it is fully loaded.           Random Vibration Resistant Test         MiL-STD-310G Confided Test Conditions: • Frequency Range: 5:500Hz • Terrequency Range: 5:500Hz • Test Duration: 1 Hour/per axis • Test Duration: 1 Hour/per axis           Environmental         -50°C           Operating Temperature         0-50°C           Storage Temperature         0-60°C           Humidity         0-80% RH, Non-condensing           Physical Properties         Single Rali           Veight         9.00 kg (19.82 lb)           Dimensions (L x W x H)         48.00 x S6.92 x 4.40 cm (18.9 x 23.2 x 1.73 in.)	Input Video Resolution		
Maximum Input Power Rating         100-240VAC; 50-60Hz; 1A           Power Consumption         AC 110V:23.8W:122BTU/h AC220V:25.4W:130BTU/h Note: • The measurement in Watis indicates the typical power consumption of the device with no external loading. • The measurement in BTU/h Indicates the power consumption of the device when it is fully loaded.           Random Vibration Resistant Test         MIL-STD-810G Certified Test Conditions: • Frequency Range: 5-500Hz • Test Duration: 1 hour/per axis • Test Duration: 1 hour/per axis • Test Duration: 1 hour/per axis           Doperating Temperature         0-50°C           Storage Temperature         0-60% RH, Non-condensing           Physical Properties         -20-60°C           Hunidity         0-80% RH, Non-condensing           Physical Properties         Single Rail           Weight         900 kg (19.82 lo )           Dimensions (L x W x H)         48.00 x 58.92 x 4.40 cm (18.9 x 23.2 x 1.73 in.)	Emulation		
Power Consumption       AC110V:23.8W:122BTU/h AC220V:25.4W:130BTU/h AC220V:25.4W:130BTU/h Note: • The measurement in Watts indicates the typical power consumption of the device with no external loading. • The measurement in BTU/h indicates the power consumption of the device when it is fully loaded.         Random Vibration Resistant Test       MIL-STD-3106 Certified Test Conditions: • Frequency Range: 5-500Hz • Crams: Yalue X, Y axis 0.76Grms, Z axis 1.07Grms • Trest Duration: 1 hour/per axis         Environmental       0-50°C         Operating Temperature       0-50°C         Storage Temperature       -20-60°C         Humidity       0-80% RH, Non-condensing         Physical Properties       Auminum         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 (18.8 x 23.2 x 1.73 in.)	Keyboard / Mouse	PS/2, USB	
AC220V:25.4W:130BTU/hNote: • The measurement in Watts indicates the typical power consumption of the device with no external loading.The measurement in BTU/h indicates the power consumption of the device when it is fully loaded.Random Vibration Resistant TestMIL-STD-810G Certified Test Conditions: • Frequency Range: 5-500Hz • Grams: Yuley X, Y xiso, 76Grms, Z xis 1.07Grms • Test Duration: 1 hour/per axisEnvironmental	Maximum Input Power Rating	100–240VAC; 50–60Hz; 1A	
Image: Construction of the device with no external loading.         The measurement in BTU/h indicates the power consumption of the device when it is fully loaded.         Random Vibration Resistant Test       MIL-STD-810G Certified Test Conditions: 	Power Consumption	AC220V:25.4W:130BTU/h	
• 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)       4.000 x 58.92 x 4.40 cm (18.9 x 32.2 x 1.73 in.)		The measurement in Watts indicates the typical power consumption of the device with no external loading.	
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.)	Random Vibration Resistant Test	Frequency Range: 5-500Hz     Grams: Value X, Y axis 0.76Grms, Z axis 1.07Grms	
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.)	Environmental		
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.)	Operating Temperature	0–50°C	
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.)	Storage Temperature	-20–60°C	
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.)	Humidity	0–80% RH, Non-condensing	
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.)	Physical Properties		
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.)	Housing	Aluminum	
Dimensions (L x W x H)         48.00 x 58.92 x 4.40 cm (18.9 x 23.2 x 1.73 in.)	Rail Type	Single Rail	
(18.9 x 23.2 x 1.73 in.)	Weight	9.00 kg ( 19.82 lb )	
Note For some of rack mount products, please note that the standard physical dimensions of WxDxH are expressed using a LxWxH format.	Dimensions (L x W x H)		
	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.

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