

# CL3100

Ultra Short Depth Single Rail WideScreen LCD Console (USB,VGA)



The CL3100 USB VGA LCD Console is a short depth single rail LCD KVM console featuring an 18.5" LED-backlit widescreen LCD monitor with an integrated keyboard and touchpad. The shortdepth design fits all 19" equipment cabinets, and is especially suitable for shallow racks. The CL3100 provides an ideal space-saving solution for special environments such as outside broadcast vans (OB vans) and compact control rooms.

The CL3100 is a dedicated front end sliding console for compatible VGA KVM switches. For added convenience, users can choose to manage the computer from an external console. The CL3100 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 VGA monitor) are provided on the rear panel. The CL3100 also includes two mini stereo ports for connecting audio speakers.

With a rich feature set, the CL3100 is designed to exceed the requirements for space utility optimization, 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.

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

How to install Ultra Short Depth LCD consoles with ATEN 2-in-1U mounting kit?



#### 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 single 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
   Console lock enables the console drawer to remain securely locked away in position when not in use
   Optional 2-in-1U Mounting Kit (<u>2K-0001/2K-0002/2K-0007</u>) fitting the CL3100 and a rack KVM switch/KVM over IP switch in 1U of space on a rack for space-saving, easy and flexible operation\*

### Reliability and Operational Versatility

- Supports VGA video input; supports an external console with USB / VGA connectors
   18.5" LCD screen with resolution of 1366 x 768 @ 60Hz
- External console supports input video resolutions up to 1920 x 1200 @ 60Hz
- Audio support for connecting speakers
  Additional hot-pluggable USB mouse port on front panel (also functions as a USB peripheral port)
- Console selection via hotkey
- Standard 105-key keyboard

### Installation Flexibility

- · Standard rack mount kit included
- · Optional rack mount kits available including easy installation options\*
- No software required
- Firmware upgradable
- Supports hot-plugging

### More information about "Easy Rack Mounting"...

#### Specifications

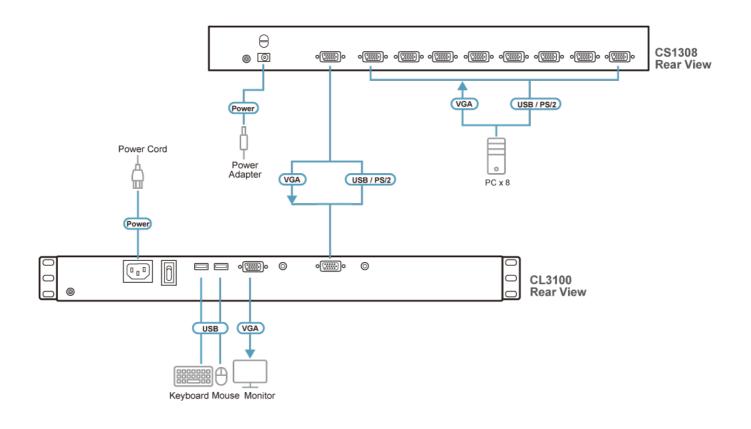
·		
Function	CL3100NX	
Computer Connections		
Direct	1	
Console Selection	Hotkey	
Connectors		
KVM Ports	1 x SPHD Female (Yellow) 1 x 3.5mm Audio Jack Female (Green)	
Firmware Upgrade	1 x 3.5mm Audio Jack Female (Black)	
Power	1 x IEC 60320/C14	
External Console Ports	1 x HDB-15 Female (Blue) 2 x USB Type A Female 1 x 3.5mm Audio Jack 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	



LobLOb185 TFLODRecould on196 X786 Ø Ø Ø V ARecould on5 m BSepanae lane5 m BVewing Angle170' (H). 160' (V)Pind Pind0.9 m n.03 mSupport Colv0.9 m n.03 mSupport Colv0.9 m n.03 mContrast Ratio0.00 : 1Lumiance0.9 contrast RatioVewing Angle0.00 : 1Lumiance0.9 contrast RatioUnivariance0.9 contrast RatioVisionvision 1000 @ FOHE: 1.5 ko x 786 Ø FOHE: 1.5 ko x 787 Ø FOHE: 	Panel Spec		
Resolution         1366 x 768 @ 60Hz           Response time         5 ms           Response time         170° (H), 160° (Y)           Vixing Angle         170° (H), 160° (Y)           Support Coor         18 x78 a doins           Support Coor         16 7/8 a doins           Contrast Raio         1000 : 1           Lumiance         16 7/8 a doins           Vision         1000 : 1           Unimance         16 7/8 a doins           Vision         1000 : 1           Unimance         16 7/8 a doins           Vision         1000 : 1           Unimance         1000 : 1           Vision         1980 x 768 @ 00 Hz, 100 C28           Envision         1000 - 240 V AC, 506 DHz, 1 A           Maximum Input Power Raing         1000 - 240 V AC, 506 DHz, 1 A           Power Consumption         1000 - 240 V AC, 506 DHz, 1 A           Note::::::::::::::::::::::::::::::::::::		18.5" TFT-LCD	
Response time         5 ms           Vewing Angle         10° (H), 16° (V)           Pixel Pitch         0.3 m x 0.3 mm           Support Color         16.7M colors           Contrast Ratio         1000 : 1           Luminance         450 cdm?           Voto         1000 : 1           Voto         1000 : 1           Voto         1000 : 1           Voto         1000 : 1000 @ 60Hz; 10000 @ 60Hz; 1000 @ 60Hz; 1000 @ 60Hz; 10000 @ 60Hz; 1000 @ 60Hz; 1			
Newng Angle10° (H). 10° (V)Pixel Pikh0.3 m x.0.3 mSupport Color16.7M colorsContrast Ratio1000 : 1Lumanca450 cdm²Unmance450 cdm²VideouInput Video Resolutionuo to 1200 @ 60Hz; 158 x 788 960 Hz, DOC @ 60Hz; 158 x 788 970 Hz, DOC @ 60Hz; 158 x 788 971 HZ, DOC	Response time	5 ms	
Pike Pikeh         0.3 mm x 0.3 mm           Support Color         16.7M colors           Contrast Ratio         1000 : 1           Luminance         450 colm <sup>4</sup> Video         Imput Video Resolution           Input Video Resolution         Imple 120 x 1200 @ F0Hz; 1368 x 78 @ 60 Hz; DDC2B           Emulation         Imput Video Resolution           Keyboard / Mouse         USB           Maximum Input Power Rating         100-240 V AC; S040 Hz; 1 A           Power Consumption         AC11013 SW 200 EF0 Hz; 1388 x 788 @ 60 Hz; DDC2B           Maximum Input Power Rating         100-240 V AC; S040 Hz; 1 A           Power Consumption         AC11013 SW 200 EFU HA AC220 H; HVB IBTUH AC220 H; HVB IBTUH AC			
Contrast Ratio         1000 : 1           Luminance         450 odm <sup>2</sup> Video            Input Video Resolution         up to 1920 x 1200 @ 60Hz; 1366 x 788 @ 60 Hz, DDC2B           Emulation            Keyboard / Mouse         USB           Maximum Input Power Rating         100-240 XA, 5060 Hz, 1 A           Power Consumption         ACI 10-13 @W 80BTU/n AC220:14.1W-81BTU/n AC220:14.1W-81BTU/n AC220:14.1W-81BTU/n AC220:14.1W-81BTU/n Note: • The measurement in Watts indicates the typical power consumption of the device with no external loading. • The measurement in BTU/n indicates the typical power consumption of the device with no external loading. • The measurement in BTU/n indicates the typical power consumption of the device with no external loading.           Environmental            Environmental            Operating Temperature         -0-40°C           Operating Temperature         -0-60°C           Humidity         -0-60°C           Humidity         -0-60°C           Physical Properties            Housing         Metal + Plastic           Rai Type         Single Rail           Weight         9.07 Kg (198 lb i)           Binguesions (L x W x H)         44.92 x43.00 x4.22 cm           Netel         Body Dimensions exclude I/O ports, handles, and mountining brackets.			
Luminance         450 odm <sup>a</sup> Yideo         ip 10 120 x 1200 @ 60Hz; 3366 x 768 @ 60 Hz, DDC2B           Emulation         Emulation           Keyboard / Mouse         USB           Maximum Input Power Rating         100-240 V AC, 5060 Hz, 1 A           Power Consumption         AC220:110.13.8W 40BTU/h AC220:11.W18/BTU/h AC220:	Support Color	16.7M colors	
Video         Video Resolution         up to 1920 x 1200 @ 60Hz; 1366 x 768 @ 60 Hz, DDC28           Emulation         Emulation         Video Resolution         USB           Maximum Input Power Rating         100-240 V AC, 5060 Hz, 1 A         Note:           Power Consumption         AC110:13.8W:80BTU/h AC220:14.1W:81BTU/h AC220	Contrast Ratio	1000 : 1	
Input Video Resolution         up to 1920 x 1200 @ 60Hz; 1366 x 768 @ 60 Hz, DDC28           Emulation         Very Search (Mouse)         USB           Maximum Input Power Rating         100-240 V AC, 50/60 Hz, 1 A         Operating         AC110:13.3W:30BTU/h AC220:14.1W:31B	Luminance	450 cd/m <sup>2</sup>	
Insert and the set of the s			
Keyboard / Mouse         USB           Maximum Input Power Rating         100-240 V AC, 50/60 Hz, 1 A           Power Consumption         AC110.13.8W:80BTU/h AC220:14.1W:81BTU/h Note: • The measurement in Wats indicates the typical power consumption of the device with no external loading. • The measurement in BTU/h indicates the typical power consumption of the device when it is fully loaded.           Environmental         0-40°C           Operating Temperature         0-40°C           Josage Temperature         -20-60°C           Hurdity         0-80% RH, Non-condensing           Physical Properties         -           Housing         Metal + Plastic           Rail Type         Single Rail           Weight         9.07 kg (19.98 lb)           Dimensions (L x W x H)         40.65 x 47.70 x 4.28 cm (18.92 x 18.78 x 1.69 ln.)           Body Dimensions(L x W x H)         60.90 Unensions exclude I/O ports, handles, and mounting brackets.			
Maximum Input Power Rating         100-240 V AC, 50/60 Hz, 1 A           Power Consumption         AC110:13.8W:80BTU/h AC220:14.1W/81BTU/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.           Environmental         0-40°C           Operating Temperature         2-0-60°C           Humidity         0-80% RH, Non-condensing           Physical Properties         Vertical           Housing         Metal + Plastic           Rail Type         Single Rail           Weight         9.07 kg (19.98 lb)           Dimensions (L x W x H)         48.06 x 47.70 x 4.28 cm (18.92 x 18.78 x 1.69 in.)           Body Dimensions(L x W x H)         69.00 Dimensions exclude I/O ports, handles, and mounting brackets.	Emulation		
Power Consumption         AC110:13.8W:80BTU/h AC220:14.1W:81BTU/h AC220:14.1W:81BTU/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.           Environmental         0-40°C           Operating Temperature         0-40°C           Storage Temperature         0-80% RH, Non-condensing           Physical Properties         -           Housing         Metal + Plastic           Rail Type         Single Rail           Weight         9.07 kg (19.98 lb)           Dimensions (L x W x H)         48.06 x 47.70 x 4.28 cm           Note         Body Dimensions exclude I/O ports, handles, and mounting brackets.	Keyboard / Mouse	USB	
AC220:14.1W:81BTU/h Note: -1he measurement in Watts indicates the typical power consumption of the device with no external loading. -1he measurement in BTU/h indicates the power consumption of the device when it is fully loaded.Environmental0-40°COperating Temperature0-40°CStorage Temperature0-40°CHunidity0-80% RH, Non-condensingPhysical PropertiesHousingMetal + PlasticRail TypeSingle RailVieight0.70 kg (19.98 lb)Dimensions (Lx W x H)& 4.00 x 4.28 cm (18.92 x 16.96 n.)Body Dimensions (Lx W x H)Body Dimension exclude I/O ports, handles, and mounting brackets.	Maximum Input Power Rating	100–240 V AC, 50/60 Hz, 1 A	
• The measurement in Watts indicates the typical power consumption of the device when it is fully loaded.         Environmental         Operating Temperature       0-40°C         Storage Temperature       -20-60°C         Hunidity       0-80% RH, Non-condensing         Physical Properties       -         Housing       Metal + Plastic         Rail Type       Single Rail         Weight       9.07 kg (19.98 lb)         Dimensions (L x W x H)       48.06 x 47.70 x 4.28 cm (18.92 x 18.78 x 1.69 in.)         Body Dimensions(L x W x H)       44.92 x 43.00 x 4.28 cm         Note       Body Dimensions exclude I/O ports, handles, and mounting brackets.	Power Consumption		
Operating Temperature       0-40°C         Storage Temperature       -20-60°C         Humidity       0-80% RH, Non-condensing         Physical Properties		<ul> <li>The measurement in Watts indicates the typical power consumption of the device with no external loading.</li> </ul>	
Storage Temperature       -20-60°C         Humidity       0-80% RH, Non-condensing         Physical Properties       -         Housing       Metal + Plastic         Rail Type       Single Rail         Weight       9.07 kg (19.98 lb)         Dimensions (L x W x H)       48.06 x 47.70 x 4.28 cm (18.92 x 18.78 x 1.69 in.)         Body Dimensions(L x W x H)       44.92 x 43.00 x 4.28 cm         Note       Body Dimensions exclude I/O ports, handles, and mounting brackets.	Environmental		
Humidity       0-80% RH, Non-condensing         Physical Properties         Housing       Metal + Plastic         Rail Type       Single Rail         Weight       9.07 kg (19.98 lb )         Dimensions (L x W x H)       48.06 x 47.70 x 4.28 cm (18.92 x 18.78 x 1.69 in.)         Body Dimensions(L x W x H)       44.92 x 43.00 x 4.28 cm         Note       Body Dimensions exclude I/O ports, handles, and mounting brackets.	Operating Temperature	0–40°C	
Physical Properties       Housing     Metal + Plastic       Rail Type     Single Rail       Weight     9.07 kg (19.98 lb )       Dimensions (L x W x H)     48.06 x 47.70 x 4.28 cm (18.92 x 18.78 x 1.69 in.)       Body Dimensions(L x W x H)     44.92 x 43.00 x 4.28 cm       Note     Body Dimensions exclude I/O ports, handles, and mounting brackets.	Storage Temperature	-20-60°C	
HousingMetal + PlasticRail TypeSingle RailWeight9.07 kg (19.98 lb)Dimensions (L x W x H)48.06 x 47.70 x 4.28 cm (18.92 x 18.78 x 1.69 in.)Body Dimensions(L x W x H)44.92 x 43.00 x 4.28 cmNoteBody Dimensions exclude I/O ports, handles, and mounting brackets.	Humidity	0–80% RH, Non-condensing	
Rail Type       Single Rail         Weight       9.07 kg (19.98 lb )         Dimensions (L x W x H)       48.06 x 47.70 x 4.28 cm (18.92 x 18.78 x 1.69 in.)         Body Dimensions(L x W x H)       44.92 x 43.00 x 4.28 cm         Note       Body Dimensions exclude I/O ports, handles, and mounting brackets.	Physical Properties		
Weight         9.07 kg (19.98 lb )           Dimensions (L x W x H)         48.06 x 47.70 x 4.28 cm (18.92 x 18.78 x 1.69 in.)           Body Dimensions(L x W x H)         44.92 x 43.00 x 4.28 cm           Note         Body Dimensions exclude I/O ports, handles, and mounting brackets.	Housing	Metal + Plastic	
Dimensions (L x W x H)     48.06 x 47.70 x 4.28 cm (18.92 x 18.78 x 1.69 in.)       Body Dimensions(L x W x H)     44.92 x 43.00 x 4.28 cm       Note     Body Dimensions exclude I/O ports, handles, and mounting brackets.	Rail Type	Single Rail	
Image: Note     Image: Note         Image: Note     Body Dimensions exclude I/O ports, handles, and mounting brackets.	Weight	9.07 kg(19.98 lb)	
Note Body Dimensions exclude I/O ports, handles, and mounting brackets.	Dimensions (L x W x H)		
	Body Dimensions(L x W x H)	44.92 x 43.00 x 4.28 cm	
Note For some of rack mount products, please note that the standard physical dimensions of WxDxH are expressed using a LxWxH format.	Note	Body Dimensions exclude I/O ports, handles, and mounting brackets.	
	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



 Copyright 2015 ATEN® International Co., Ltd. ATEN and the ATEN logo are trademarks of ATEN International Co., Ltd. All rights reserved. All other trademarks are the property of their respective owners.