

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 short-depth 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.

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

LCD KVM Consoles and Switches

Space-optimizing KVM solutions for server rooms

LCD KVM Consoles and Switches are space-optimizing KVM solutions for server rooms and are specifically designed for short rack applications, including limited-space telecoms, broadcasting, and surveillance server rooms.

The benefits of using LCD KVM consoles and switches in your server room or other rack applications are varied, and include:



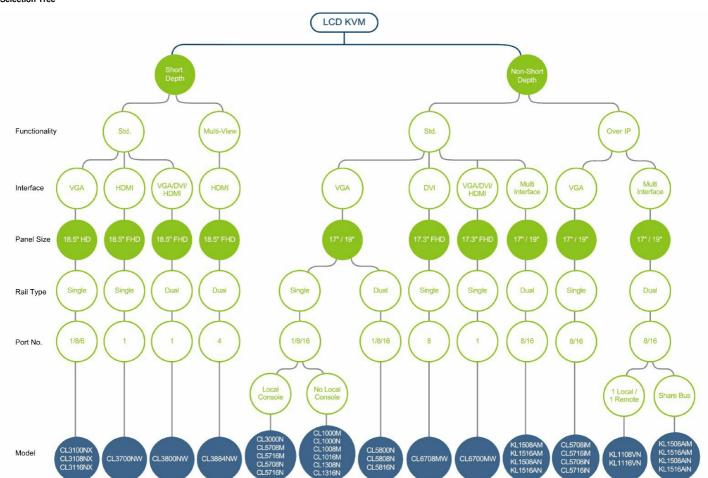
	All-in-One Design	The LCD panel, keyboard, and touchpad are integrated into a 1U rack-mountable sliding housing	
	Control Attached Servers Directly	d Servers Easily and conveniently control servers through LCD KVMs	
455	Multiplatform Support	LCD KVMs support PC*, Mac and Sun	
	Supports Popular Video Interfaces	LCD KVM switches can connect to DP**, HDMI, DVI, and VGA	
Ş-	LED Illumination	Exclusive LED illumination lights up the keyboard and touchpad for better visibility in low-light conditions	
Sy	Easy Installation	Optional Single-Person Easy Installation Rack Mount Kits are also available	
E.	Multi-View Display	Controls up to four video sources on one screen with display modes including Quad View, Picture in Picture (PiP), Picture by Picture (PbP), and Picture on Picture (PoP)	

The Types of LCD KVM Solutions





Selection Tree





Multi-Interfaces			KL1508AM* KL1508AN*	KL1516AM* KL1516AN*	Panel resolution • 1280x1024
HDMI/DVI/VGA	• CL3800NW*# CL3800NX*# • CL6700MW CL6700N				• 1366x768 • 1920x1080 LCD Panel
HDMI	• CL3700NW#	• CL3884NW*			-M: 17"
DVI			● CL6708MW		-MW: 17.3" wide-screen
VGA	CL1000M CL1000N CL3000N • CL3100NX# CL5800N*		 CL3108NX CL1308N CL5808N* CL5708M CL5708MW CL5708N 	• CL3116NX CL1316N CL5816N* CL5716M • CL5716MW CL5716N	-N: 19" -NW: 18.5" wide-screen Features *Dual Rail #Ultra Short Depth
•	1-Port	4-Port	8-Port	16-Port	_

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 (2K-0001/2K-0002/2K-0007) 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"...

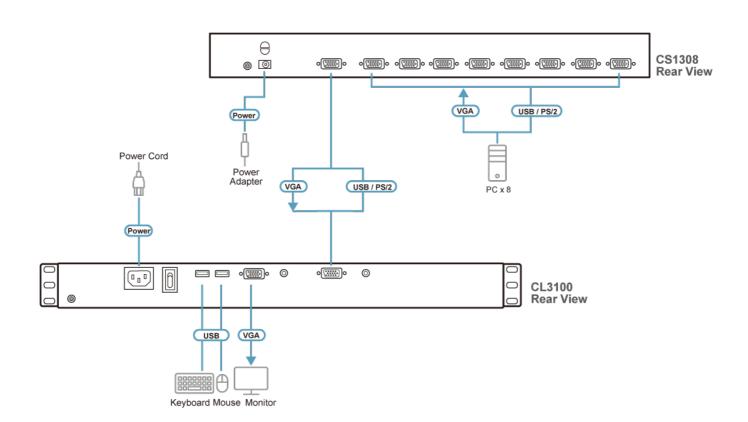


Function	CL3100NX		
Computer Connections	OLUTOURA		
Direct 1			
Console Selection			
Connectors			
KVM Ports	1 x SPHD Female (Yellow) 1 x 3.5mm Audio Jack Female (Green)		
Firmware Upgrade	1 x 3.5mm Audio Jack Female (Black)		
Power	1 x IEC 60320/C14		
External Console Ports	1 x HDB-15 Female (Blue) 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		
Panel Spec			
LCD Module	18.5" TFT-LCD		
Resolution	1366 x 768 @ 60Hz		
Response time	5 ms		
Viewing Angle	170° (H), 160° (V)		
Pixel Pitch	0.3 mm x 0.3 mm		
Support Color	16.77M colors		
Contrast Ratio	1000:1		
Luminance	450 cd/m ²		
Video			
Input Video Resolution	up to 1920 x 1200 @ 60Hz; 1366 x 768 @ 60 Hz, DDC2B		
Emulation			
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 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		
Operating Temperature	0–40°C	
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.	
Note	For some of rack mount products, please note that the standard physical dimensions of WxDxH are expressed using a LxWxH format.	

Diagram





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