

1U Ultra Short Depth Single Rail WideScreen LCD Console (USB / VGA)

CL3100

- 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.

CL3100NX: 18.5" LCD screen with resolution of 1366 x 768

CL3100 Front view



CL3100 Rear view



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

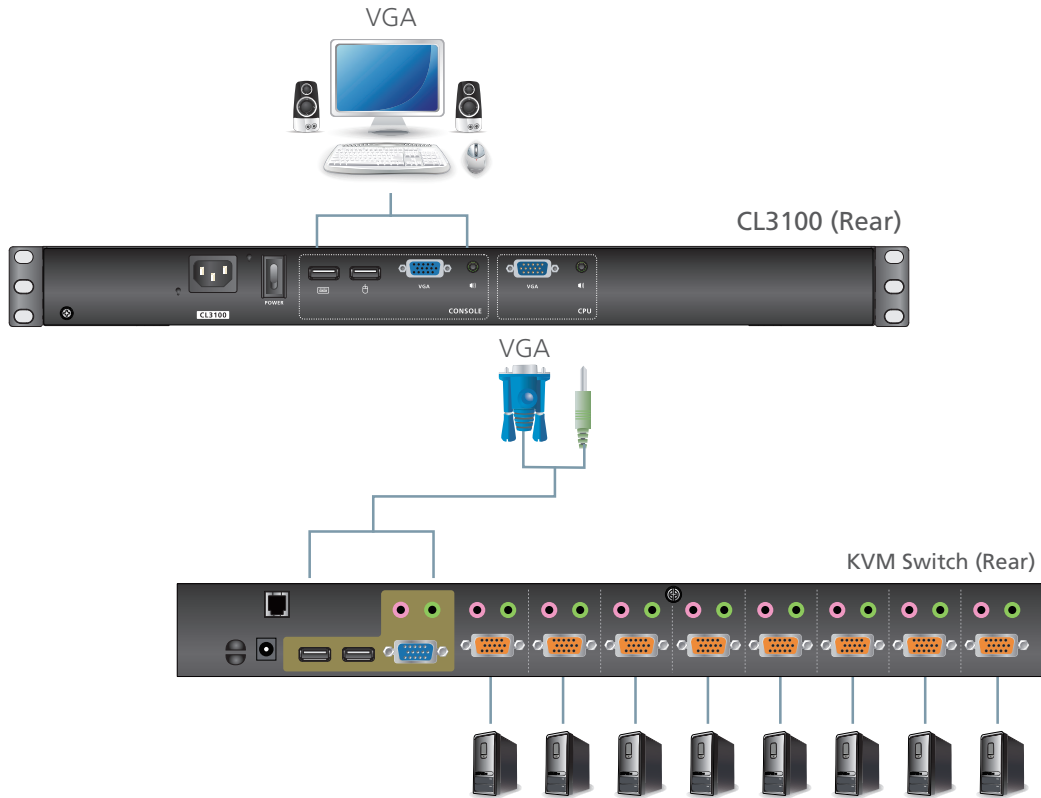
Operational Versatility

- 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
- Keyboard Language support: English(US), English(UK), French, German, German(Swiss), Greek, Hungarian, Italian, Japanese, Korean, Russian, Spanish, Swedish, Traditional Chinese, and Turkish

Installation Flexibility

- Standard rack mount kit included
- Optional Easy Installation Rack Mounting Kit available*
- No software required
- Firmware upgradable
- Supports hot-plugging

* The Easy Installation Rack Mounting Kit is sold separately. Contact your ATEN dealer for product information



Optional

Single Person Easy Installation Kit

Slideaway™ LCD KVM switches/consolas allow you to choose from a host of optional rack mount kits to meet your needs, including the Single Person Easy Installation Rack Mount Kit, which streamlines the rack mounting process.

Normal rack mounting procedures call for at least two people to rack mount a KVM switch/console. The Single Person Easy Installation Rack Mount Kit enables one person to rack mount a Slideaway™ LCD KVM switch/console. In just a matter of minutes, your new Slideaway™ LCD KVM switch/console can go from the box to the rack.

For convenience and flexibility, there is one standard, and two optional rack mounting kits available:

| Standard Rack Mount Kit | Depth (cm) |
|-------------------------|------------|
| Short (Standard) | 42 – 72 |

| Easy Installation Rack Mount Kit | Depth (cm) |
|-----------------------------------|------------|
| 2X-041G (Short / Optional) | 42 – 70 |
| 2X-042G (Long / Optiona) | 68 - 105 |

Specifications

| Function | CL3100NX |
|-----------------------------------|-------------------------------------|
| 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 3.5mm Audio Jack Female (Green) |
| KVM Ports | 1 x SPHD Female (Yellow) |
| | 1 x 3.5mm Audio Jack Female (Green) |
| USB Port | 1 x USB Type A Female |
| Firmware Upgrade | 1 x 3.5mm Audio Jack Female (Black) |
| Power | 1 x 3-prong AC Socket |
| Switches | |
| Reset | 1 x Semi-recessed Pushbutton |
| Firmware Upgrade | 1 x Slide Switch |
| Power | 1 x Rocker Switch |
| 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 Num Lock (Green) |
| | 1 x Caps Lock (Green) |
| | 1 x Scroll Lock (Green) |
| Emulation | |
| Keyboard / Mouse | USB |
| Video | |
| Input Video Resolution | 1920 x 1200 @ 60Hz |
| Panel Spec | |
| LCD Module | 18.5" TFT-LCD |
| Resolution | 1366 x 768 @ 60Hz |
| Pixel Pitch | 0.3 mm x 0.3 mm |
| Response time | 5 ms |
| Viewing Angle | 170° (H), 160° (V) |
| Contrast Ratio | 1000:1 |
| Support Color | 16.7M colors |
| Luminance | 250 cd/m ² |
| Maximum Input Power Rating | 100–240V AC, 50-60 Hz, 1 A |
| Power Consumption | 110V, 13.8W / 220V, 14.1W |
| Environmental | |
| Operating Temperature | 0° – 40°C |
| Storage Temperature | -20° – 60°C |
| Humidity | 0–80% RH, Non-condensing |
| Physical Properties | |
| Housing | Metal + Plastic |
| Weight | 9.07 kg |
| Dimensions (L x W x H) | 48.06 x 47.70 x 4.28 cm |
| Body Dimensions (L x W x H) | 44.92 x 43.00 x 4.28 cm |

Note:

1. For some rack mount products, please note that the standard physical dimensions of WxDxH are expressed using a LxWxH format.
2. Body Dimensions exclude I/O ports, handles, and mounting brackets.

Product information is subject to change without prior notice.

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