Rackmount LCD Console
(Single port)
User Manual

Description

The rack mount 19" LCD console integrates the video, keyboard and mouse in a 1U rack space; it is fit for installing in a standard 19" server rack. It can control one computer from a complete keyboard, video and mouse control unit.

Features

- 3 in 1 LCD console integrating the monitor, keyboard and mouse.
- Directly connect computer or KVM switch to control single or multiple computers.
- 19″ TFT LCD monitor with high resolution
- Ultra-slim keyboard with 99 keys（82+17）.
- Standard PS/2 touchpad.
- With lock latch in front panel.
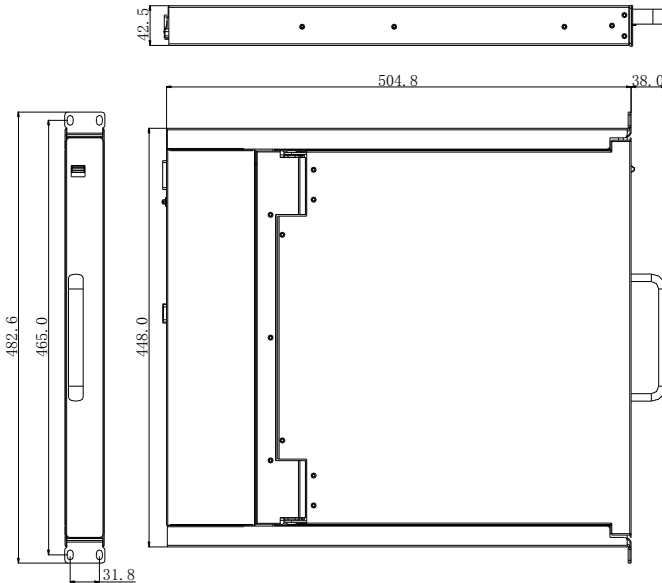- Automatic-locking guide rail

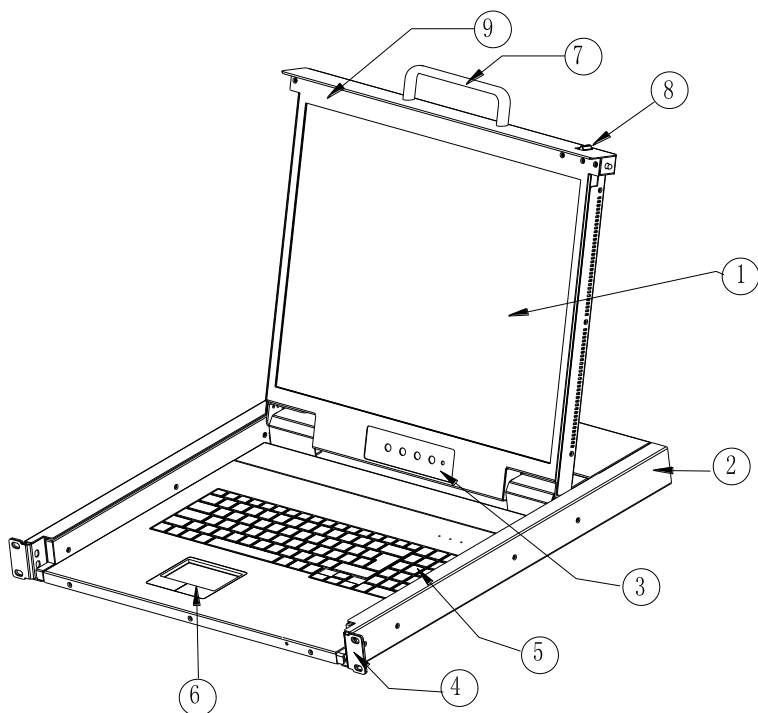**Appearance**

Figure 1.1 Appearance

Front View

Figure 1-1.2 front view

1. LCD Display
2. Rear Bracket Slot
3. OSD Controls
4. Front Bracket
5. Keyboard
6. Touchpad
7. Handle
8. Lock Latch
9. Display Panel

Rear View

Figure 1-1.3 Rear View

1   PC port: 1 port(integrated DVI/keyboard/mouse signal)
2   Grounding Screw
3   Power Switch
4   Power Input Socket(AC or DC)

Cable Connection

1.2 cable connection

Rack Mounting

A standard rack mounting kit is provided to mount the switch in a depth of 510-700mm rack.

With one person hold the switch in place and the other person slides the L bracket into the switch's side mounting brackets from the front to the back, and then screws the brackets to the rack. (See below installation diagrams)
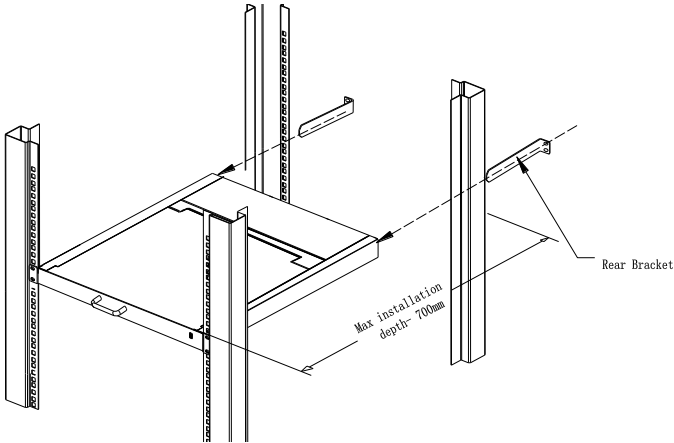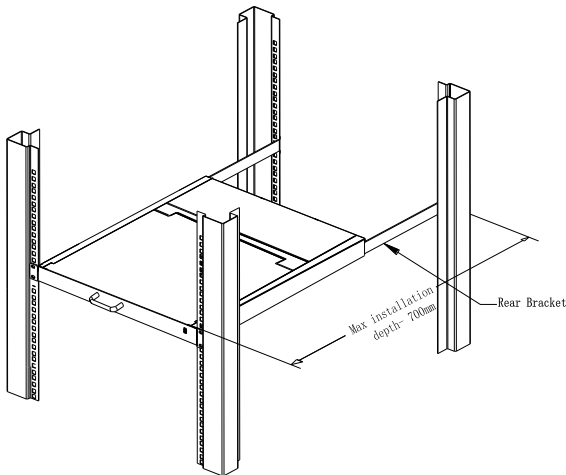

Figure 1-2.1 rack mounting (1)

Figure 1-2.2 rack mounting (2)

Opening the Console
- Power on the KVM after connecting cables.
- Power on the server or PC after power on the KVM.
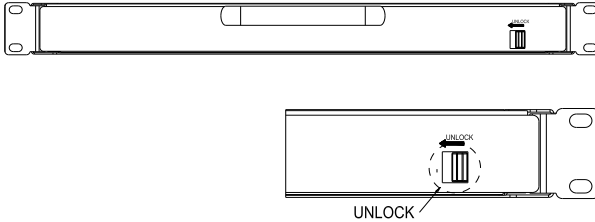- Release the release catch.

Figure 1-2.3 unlocking
*Note: The release catch can only do horizontal locking, it can't bear any load.

- Pull the KVM console all the way out and the slide rail automatically locked to its place.
- Rotate the LCD panel all the way back to expose the LCD screen; the LCD module can be rotated up to 108°.
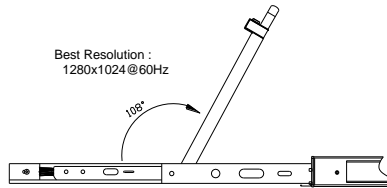

Figure 2-1.4 open angel of the console

Closing the Console

- Close the console and the power automatically shut down.
- Push the release catch in the direction of the arrow; push the LCD panel all the way in until it automatically locks up.
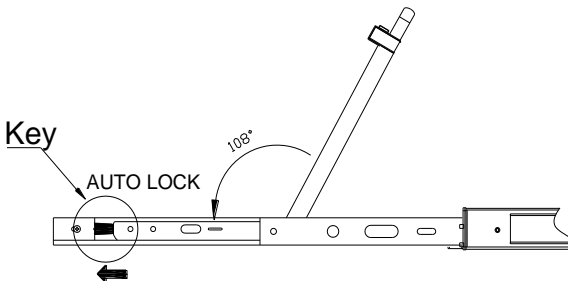

Figure 1-2.5 unlocking the slide rail

OSD Controls

Figure 1-2.6 OSD controls

Buttons	Functions
MENU SELECT	Opens the menu function and brings up the main menu.
EXIT/AUTO	Press this button exits the current menu and return to the previous menu or press this button exits the LED OSD. Press AUTO for automatic configuration.
SL-/SL+	Moves your menu to make corresponding adjustment.
LED state	Green :running Red :power off or access nonstandard VESA signal Flash green：energy saving mode or no signal

Table 1-2.1 OSD controls instructions

Press AUTO when the screen migrates after power on or under other circumstances, then the screen auto configure to its best display state. It might can't be adjusted to its best state if part of the display mode is not standard VESA mode, if so return back to OSD menu to RESET, then it will back to normal.

We suggest our customers to set up the display mode at 1280x1024, refresh rate at 60Hz.

Specifications

Model		LD1901
Computer Connections	Direct	1
	Max	1
Port emulation	Keyboard, mouse	PS/2，USB
LCD monitor	LCD model	SXGA TFT
	View area	19 "
	Optimum resolution	1280×1024@60Hz
	Display color	16.7 M
	Brightness	250cd/m² （Ｔｙｐ）
	Contrast ratio	1000 : 1 （Ｔｙｐ）
	Pixel pitch(mm)	0.294(H) × 0.294(W)
Mouse	X/Y resolution	>1000 points / inch,(40 points/mm)
	Scroll wheel	Support scroll wheel function
Keyboard		99 keys (82 keys main keyboard +17 independent small numeric keyboard)
Input power		100V-240Vac , 50-60Hz , <1.5A
DVI Signal		DVI-D
Power consumption		17W
Operating temperature		0- 40 ℃
Store temperature		-20- 60 ℃
Humidity		0-80% RH, non-condensing
Net weight		12.5 kg
Product dimension (W × D × H)		448mm×505mm×42.5mm
Package dimension (W × D × H)		765mm×615mm×185mm