

Rackmount LCD Console (8 Port /16 Port) User Manual



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Overview

Product Description

The KVM console integrates multiple port KVM switches in a 1U height console. It can control multiple computers with one monitor, keyboard and mouse, It is easy and fast to install the KVM console, you just need to connect corresponding cables to the right ports of KVM and its module without software configuration. The KVM console can control up to 8 or 16 computers, supports multiple hardware platforms and multiple operating systems.

Product Features

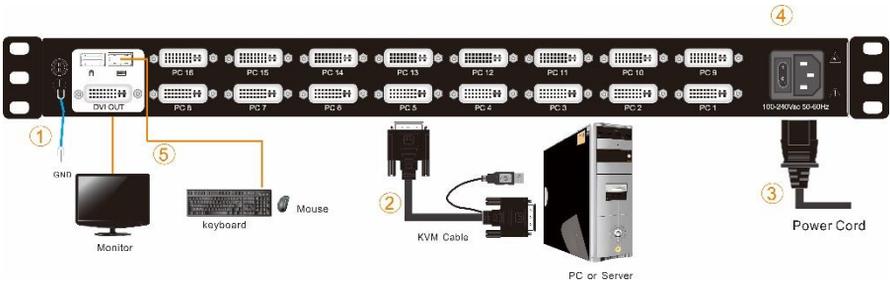
- 19" LED TFT monitor with high resolution.
- 1U height, suitable height for standard 19" rack mount, metal structure.
- Ultra slim 99 keys keyboard with small numeric keyboard.
- High resolution and high flexibility with touchpad with two function buttons and scroll wheel.

Switch Functions

- A single console controls up to 8/16 computers
- Fully complied with HDCP
- No software required – select computers via push button, hotkey and OSD
- User-friendly OSD human-computer interaction interface, call up OSD through keyboard and mouse hotkeys
- Broadcast mode--operations simultaneously performed on all selected computers Easily choose servers with mouse
- Multi-platform – Windows, Linux, Mac, Unix
- Complete keyboard and mouse signal simulation to ensure that the booting and switching are correct
- Auto scan feature for monitoring user-selected computers
- Hot pluggable - add or remove computers without having to power down the switch
- Support firmware upgrade

Installation instruction

- 1) Make sure the rack mounting KVM switch has been connected to the ground (① in the diagram)
- 2) Connect KVM switch with the computer according to (②in the diagram)
- 3) Connect power cable to KVM port as shown in(③in the diagram)
- 4) Turn on the power, the KVM start to work after power supply(④in the diagram)



Note: 1) Connect monitor, USB keyboard and mouse to Console port to connect another console. (⑤ in the diagram)

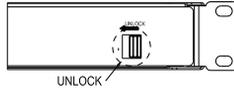
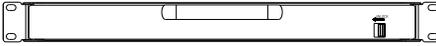
Troubleshooting

The KVM console does not work when I connect and use the console for the first time. Please re-connect the KVM console according to below steps:

- 1) Disconnect all the signal and power cables connected to KVM.
- 2) Then power on KVM and you hear the boot indicating sound from the beeper, a screen automatically pop up for you to enter the user name and password.
- 3) Type in the correct user name and password, the original password is clicking “Enter” twice, then the OSD main menu pop up on the screen.
- 4) Check the KVM console and make sure it can normally switch ports.
- 5) Connect one server (PC) to one of the KVM ports with signal cable and check port switching function, check the keyboard and mouse, if they are not working, try to restart the server (PC).
- 6) After successfully finishing all above steps, gradually add server (PC) to this console until meet your need.

Opening the console

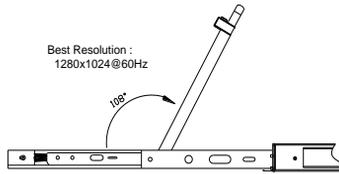
- Release the release catch;



2-1.1 unlocking

***Note: The release lock can only do horizontal locking, it can't bear any load.**

- Pull the LCD panel all the way out until it clicks into place.
- Rotate the LCD module all the way back to expose the LCD screen, the LCD module can be rotated up to 108°.



2-1.2 rotate angle of the console

- Turn on power switch, KVM will beep twice. The Port LEDs light flashes 4 times, System will prompt to enter username and password

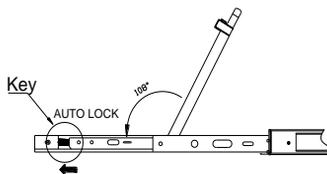


2-1.3 password window

- LCD panel is powered on when the power LED is green.
- Power on computer or server then power on KVM and you will see green light on each port.
- The factory default password is blank, double click "Enter".

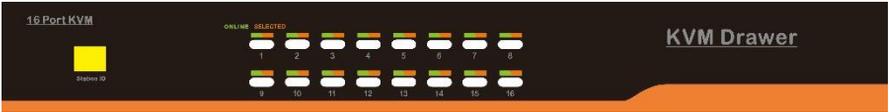
Closing the console

- Close the LCD display panel and the power automatically will shut down.
- Push the release catch in the direction of the arrow, push the LCD panel all the way in until it automatically lock up.



2-1.4 open angle of the console

LED Instructions



3-1.1 front view

No.	Components	Function
1	1-8 or 1-16	1) Switching freely from port 1 to port 8/16
2	Port Selection Buttons& LEDs	1) An online LED light(green) indicates that the KVM has connected to its corresponding computer and power on. 2) A selected LED light(orange) indicates that the computer attached to its corresponding port is up and running.
3	Station ID	Display the current port

Table 3-1.1 LED instructions

LED OSD Configuration



The LED OSD allows you to set up and configure the LED display.

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

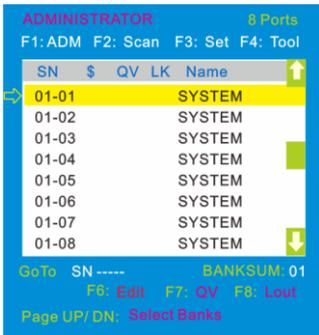
Table 3-1.2 LED OSD configuration instruction

Press AUTO if 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.

OSD Operation

Double click the right buttons of the mouse or double click hotkey **【Scroll Lock】** to invoke below OSD main menu. You can customize the OSD hotkeys, find more details in OSD function instructions.



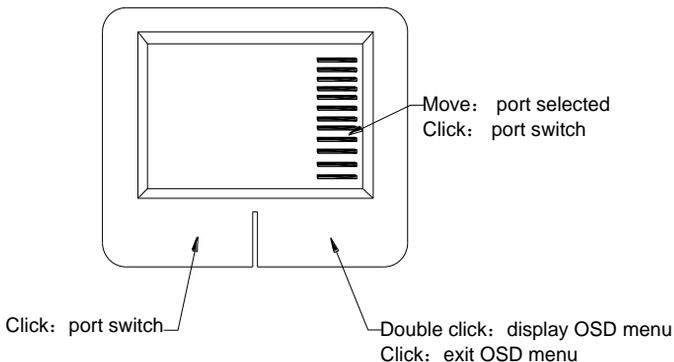
Headings	Explanation
SN	level number-port number
⇨	It shows the computer port is under monitoring.
\$	The computers are power on and are online
QV	"#": quick view the port "BC": Broadcast port
LK	"@" shows that the port is only available for viewing
Name	Port name, the maximum is 12 bytes

Table 1.4: OSD interface

To access the OSD menu through keyboard:

1. In the submenus that appear, moving the highlight bar to your selected port and then press Enter.
2. Press any key from **【0-9】** to enter any port of current station

To access the OSD menu through keyboard:

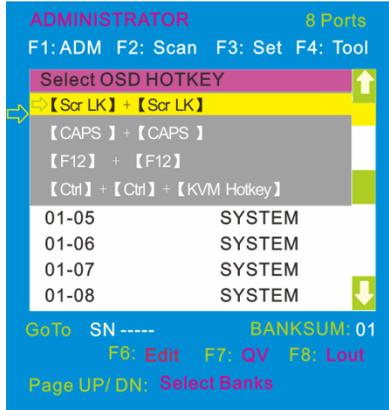


*Note: Operate via keyboard after invoke the OSD menu via the touchpad.

OSD Hotkey Operation

Operating instruction

1. Press **【F3】** and move the highlight bar with **【↓】** to select “OSD Hotkey” submenu . Press **【Enter】** and below screen appears:
2. KVM default hotkey: **【Scroll Lock】**



2. Select the “**【Ctrl】 【Ctrl】 +【KVM Hotkey】**” and press **【Enter】**, and then the **【Ctrl】** hotkey is available in this hotkey mode, the mouse hotkey can't enter the OSD menu

Invoke hotkey: double click **【L_Ctrl】** + the corresponding function key

Function	Operating	Function description
Switching port	+ 1~8	Skip ports from 1~8, Eg.: Double click 【L_Ctrl】 plus 2 to skip to the second port of the current station.
	+ F1~ F8	Skip ports from 9-16
	+ ↑ / ↓	Skip to previous/next port
Auto scanning	+ S	1. Auto Scan automatically scan ports that attached PC or server. Users can set the scan duration in OSD menu and press any key to exit scanning mode. 2. Move the mouse to extend scan interval.
Invoke OSD main menu	+ “space” key	This allows you to invoke OSD main menu (see OSD menu operation)

Appendix

Specifications (19")

Model		LD1908	LD1916
Computer connections	Direct	8	16
	Max	8	16
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/m ² (T y p)	
	Contrast ratio	1000 : 1 (T y p)	
	Pixel pitch(mm)	0.294(H) × 0.294(W)	
Mouse	X/Y resolution	>1000 points /inch,(40 points/mm)	
	Roll wheel	Supports scroll wheel function	
Keyboard		99 keys (82 keys main keyboard +17 independent small numeric keyboard)	
Port selection		Front panel pushbuttons, hotkeys, OSD menu	
Input power		100V- 240Vac , 50-60Hz , <1.5A	
DVI Signal		DVI-D	
Power consumption		21W	23W
Operating temperature		0—40 °C	
Store temperature		-20—60 °C	
Humidity		0—80% RH, non-condensing	
Net weight		13.4kg	13.6kg
Product dimension (W × D × H)		448mm×605mm×42.5mm	
Package dimension (W × D × H)		765mm×615mm×185mm	