




Shenzhen Kinan KVM-1508XX Rack Mount KVM Console User Manual

[Home](#) » [Shenzhen Kinan](#) » Shenzhen Kinan KVM-1508XX Rack Mount KVM Console User Manual 

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Contents

- [1 Product Description](#)
- [2 Product Features](#)
- [3 Front view](#)
- [4 Structure and Size](#)
- [5 Hardware Installation](#)
- [6 Installation instruction](#)
- [7 Opening the console](#)
- [8 Closing the console](#)
- [9 LED Instructions](#)
- [10 LED OSD](#)
- [Configuration](#)
- [11 OSD Operation](#)
- [12 OSD Hotkey Operation](#)
- [13 Specifications \(17.3"\)](#)
- [14 FAQ](#)
- [15 Documents / Resources](#)
 - [15.1 References](#)
- [16 Related Posts](#)

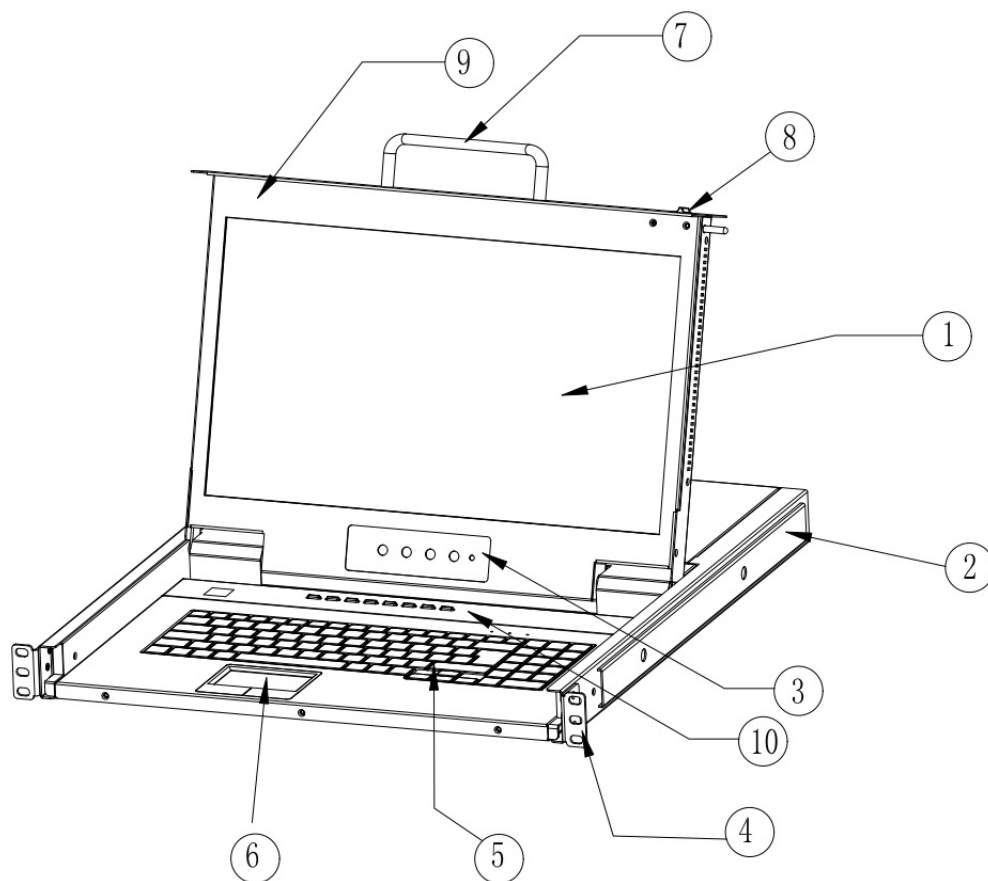
Product Description

The KVM console integrates multiple port KVM switches in a 1U height console. It Can Control multiple computers with a set of device including monitor, keyboard and mouse,thus saves much cost and space to separately equip keyboard, mouse and monitor foreverycomputer.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 platform and multiple operating system.

Product Features

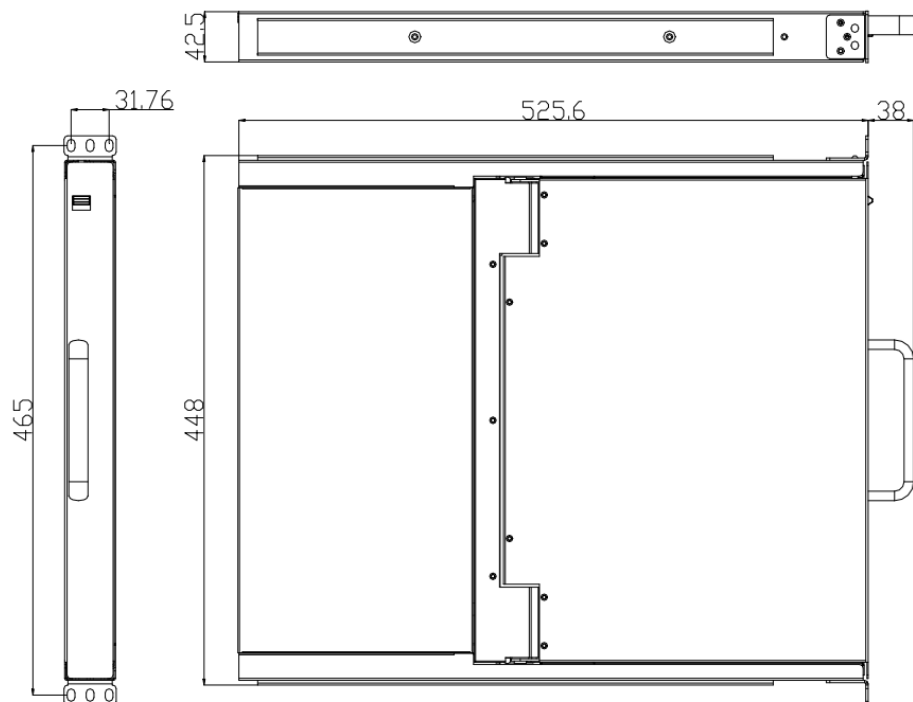
- 17.3"LED TFT monitor, high brightness, high resolution
- 1U height, suitable height for standard 19"rack mount, metal structure.
- Ultra slim 99 keys US keyboard with small numeric keyboard.
- High resolution and high flexibility with touchpad with two function buttons and scroll wheel.
- A single console controls up to 8/16 HDMI computers
- Select computers via push button, hotkey and OSD
- Two level password security—only authorized users view and control computers; up to four users and an administrator with a separate profile for each
- Users can set up different hot keys(Scroll Lock / Caps Lock / F12 / Ctrl), auto scanning time, port display time, log out time, buzzeron/off and mouse on/off according to their different needs
- Broadcast mode operations simultaneously performed on all selected computers Easily choose servers with mouse
- Multiplatform Support-Compatible with Windows, Sun, Unix and Linux
- 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

Front view



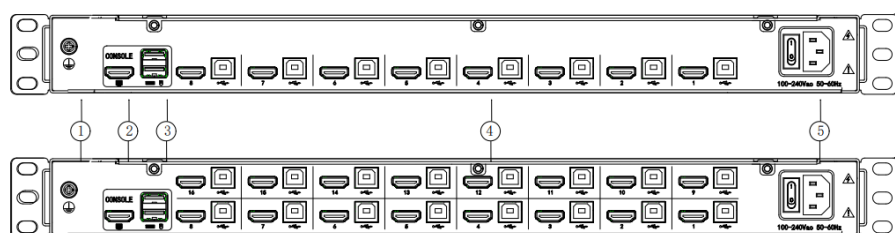
- 1. LED Module
- 2. Rear Bracket Slot
- 3. LED OSD Controls
- 4. Front Bracket
- 5. Keyboard
- 6. Touchpad
- 7. Handle
- 8. Release Catch
- 9. Display panel
- 10. Switch LED

Structure and Size



1-1.2

Back view

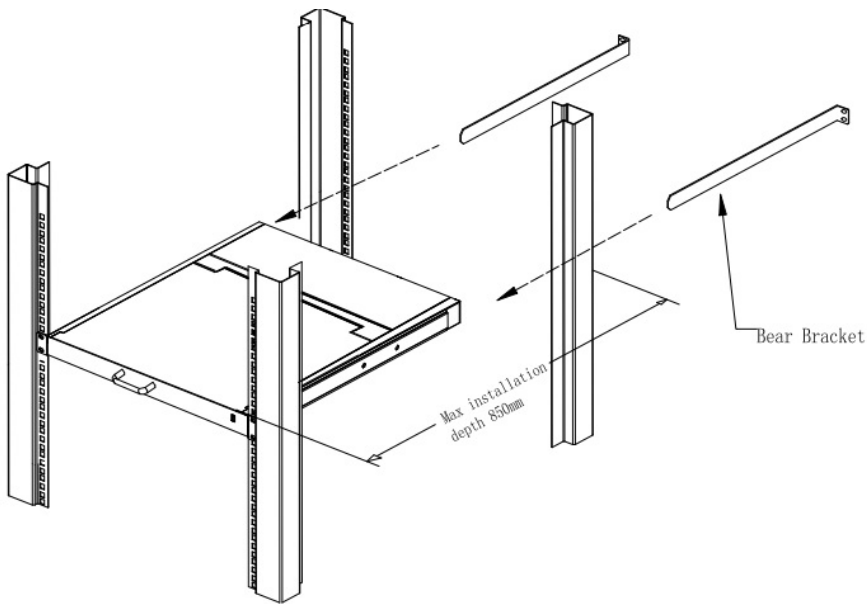


1. Ground connection screw
2. HDMI Output
3. USB port
4. KVM port
5. Power input (AC)

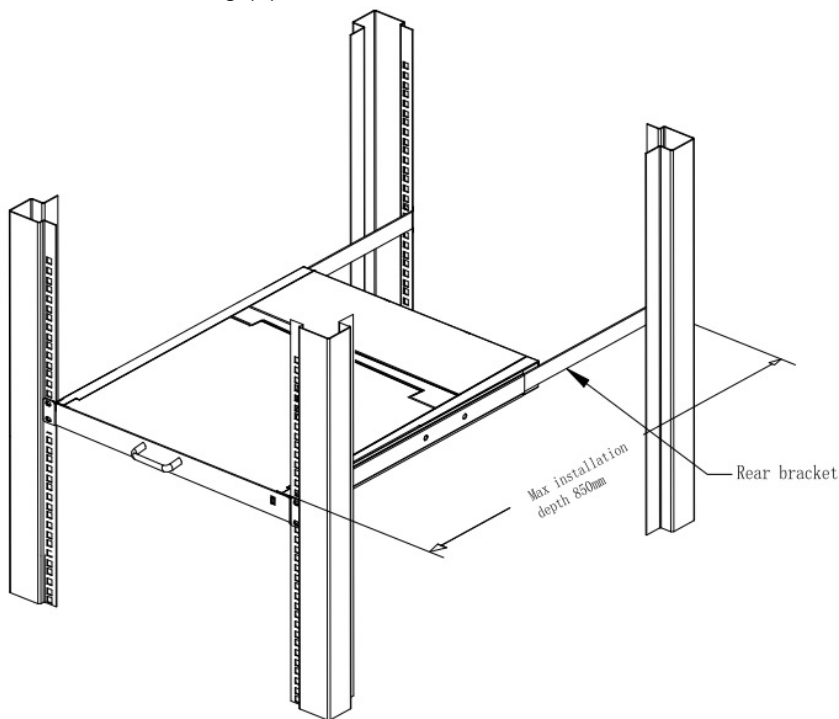
Hardware Installation

Rack Mounting

A standard rack mounting kit is provided to mount the switch in a depth of 510-850mm in a standard 19" rack. For other mounting distance, the rear brackets need to be customized accordingly. With one person hold the switch in place and the other person slides the L bracket in the switch's side mounting brackets from the front to the back, then screws brackets to the rack. (see below installation drawing)



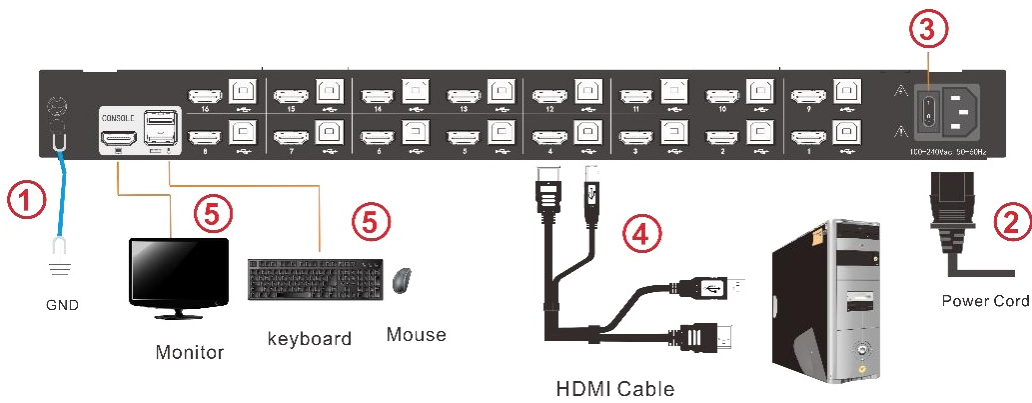
2-1.1 rack mounting (1)



2-1.2 rack mounting (2)

Installation instruction

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

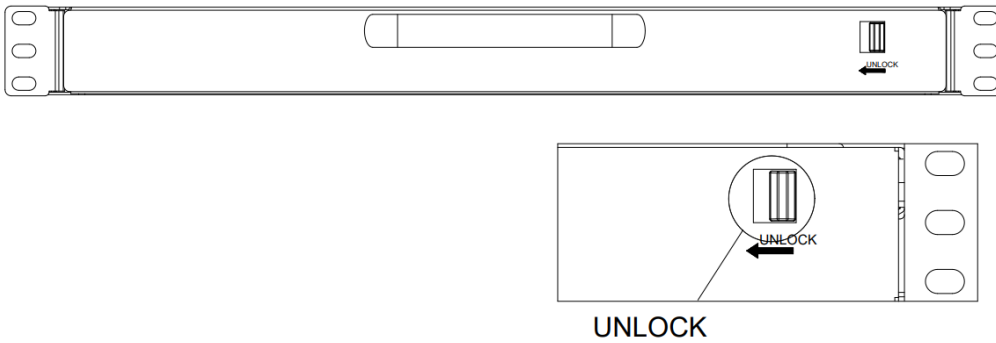


Note: Connect monitor, USB keyboard and mouse to Console port to connect another console (⑤ in the diagram)

To ensure signal integrity and simplify cable layout, we strongly recommend you using high quality cables with different length.

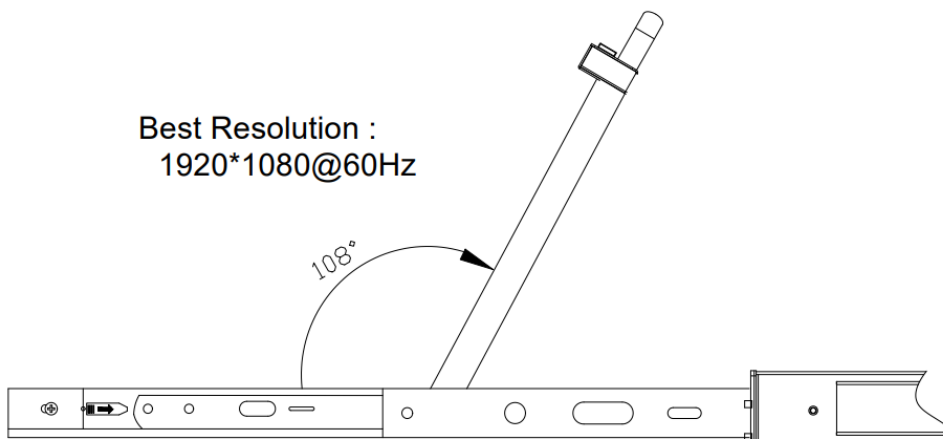
Opening the console

- Release the release catch;

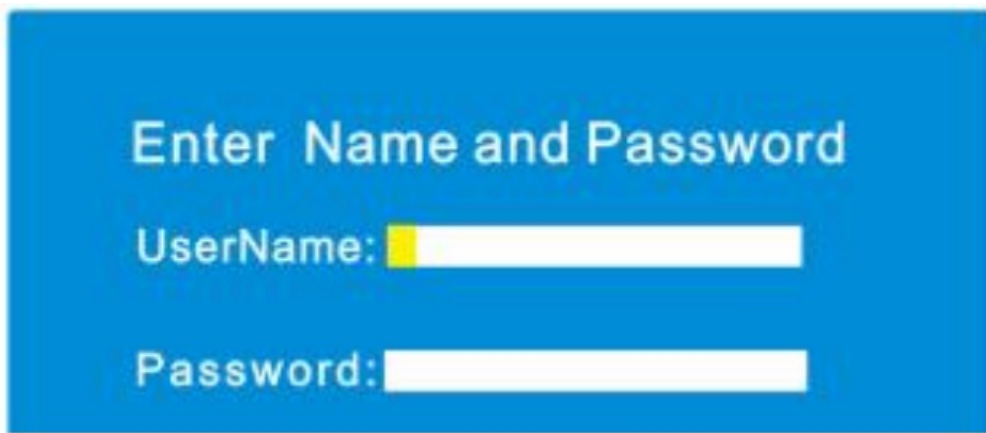


Note: The release lock can only do horizontal locking, it can't bear any load.

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



- Turn on power switch, KVM will be issued two “beep” sound, The Port LEDs light flashes 4 times, the LED displays the prompted to enter the user's password.



- LED panel is powered on when the power LED is green.
- Power on computer or server after power on KVM and you will see greenlight at each port.
- The factory default password is blank, it will be OK after double click “Enter”.

Closing the console

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

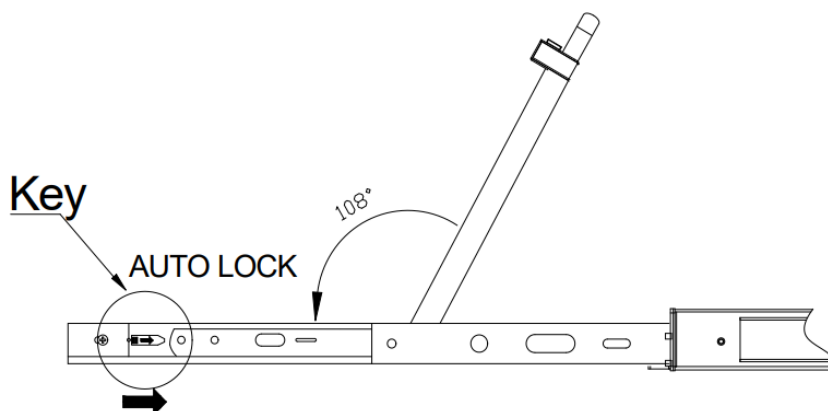


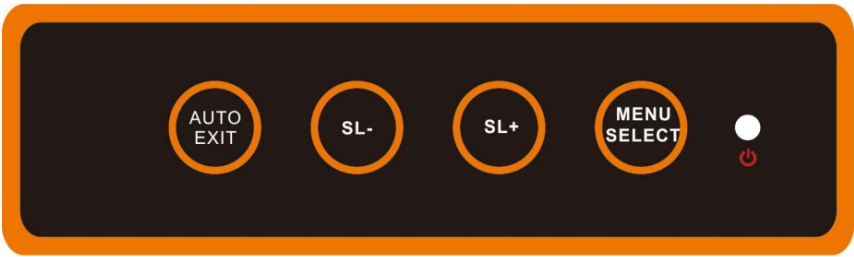
Diagram 2-1.6 unlocking the console

LED Instructions



No.	Components	Function
1	1-8 or 1-16	Switching freely from port 1 to port 8 /16
2	Port Selection Buttons & LEDs	Indicator LEDs are built into the switches, the online LED light is on the left and the selected LED light is on the right. 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

LED OSD Configuration

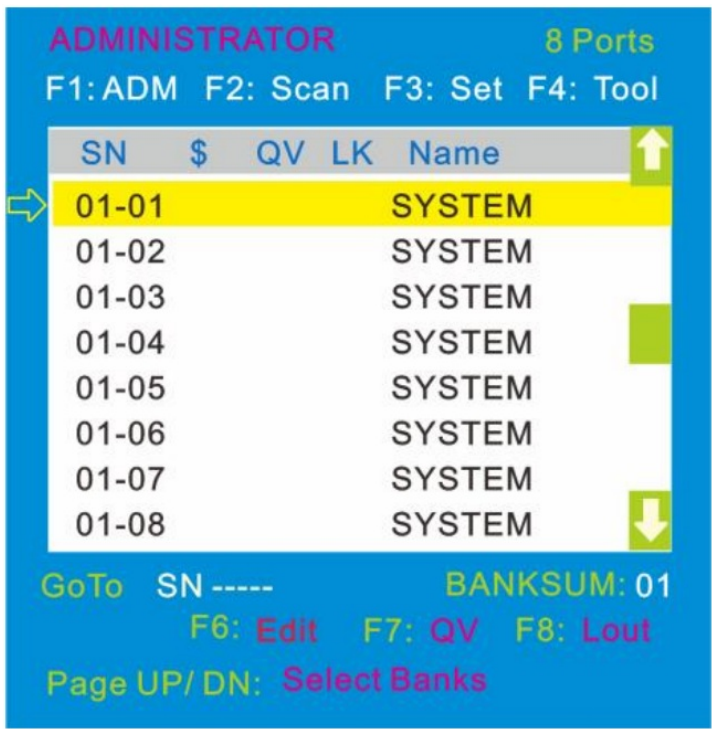


The LED OSD allows you to set up and configure the LED display.

Buttons	Functions
MENU SELECT	Press this button invokes 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+	Press this button moves your menu to make corresponding adjustment.
LED state	Green :running Red :power off or access non-standard VESA signalFlash green energy saving mode or no signal

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 1920×108, refresh rate at 60Hz.

OSD Operation

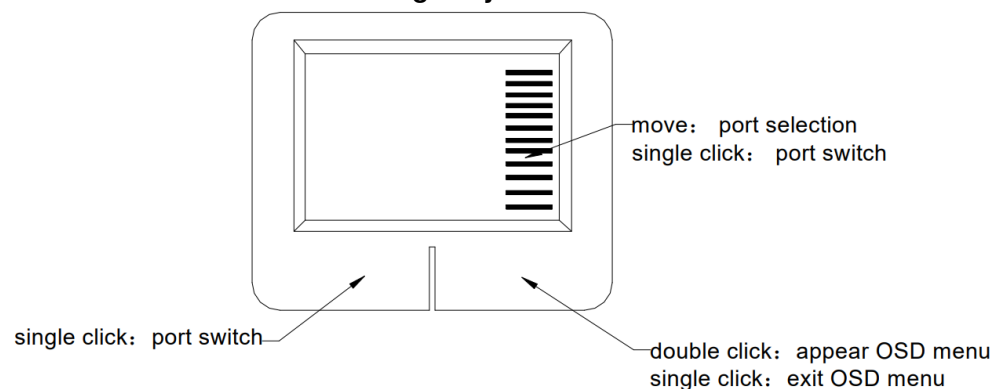


Headings	Explanation
SN	Port number
⇒	It shows the computer port is under monitoring.
\$	The computers are power on and are online
QV	"#": quick view the port"BC": Broadcast port
LK	" @ "shows that the port is only available for viewing
Name	Port name, the maximum is 12bytes

To access the OSD menu through keyboard:

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

To access the OSD menu through keyboard:

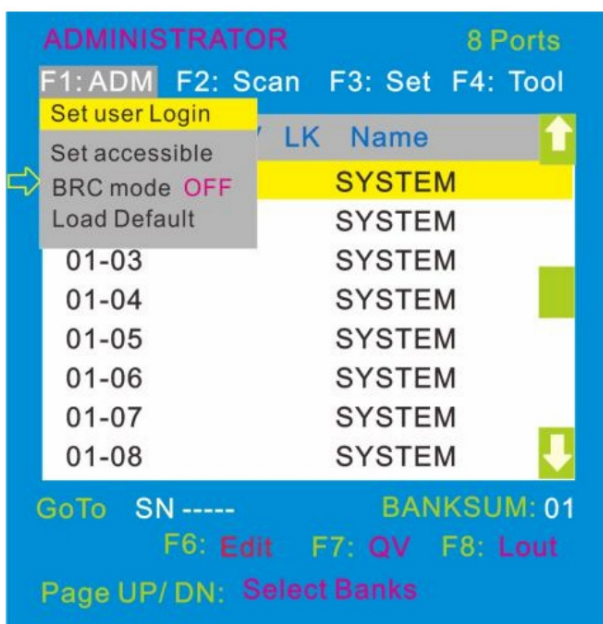


***Note:** Operate via keyboard after invoke the OSD menu via the touchpad.

OSD Functions

Menus	Keys	Submenu/explanation
ADM	F1	Set User login: account and password Set accessible: Set access permissions BRC Mode: monitor multiple computers at the same time Load Default: reset the menu to the original factory default settings
Scan	F2	All: Lists all the ports on the installation Power On: lists only powered on ports that have attached computers.Quick View: Lists only the ports that have been selected as Quick View ports
Set	F3	Auto Scan: set scanning time period Port ID: set how long a port displays on the monitor OSD Hotkey: set OSD hotkeys out Time off: to set the time out value
Tool	F4	Reset KM: press Enter resets keyboard and touchpad Beeper On : press Enter switch Bee sounds Mouse Hot On : press Enter to shut down touchpad operating on OSD.Restore Values: press Enter restore the current user default value.About KVM: press Enter shows the KVM version
Edit	F6	Edits port names
QV	F7	Start or close Quick View
Lout	F8	Log out/blank the console screen
Exit	Esc	Press this key exits OSD menu
	Scroll Lock	Press this key exits OSD menu
	Num Lock	Press this key exits OSD menu

• Menu overview



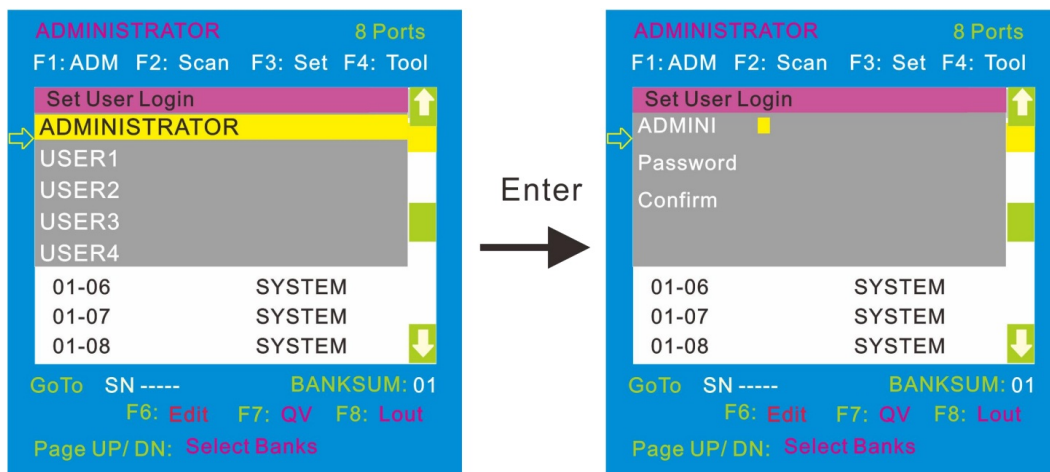
Operating instructions

1. Press F1 or ← → enters the F1 submenus.
2. Press ↓ moves the highlight bar to select the submenu.
3. Press Enter selects and exits ADM menu.
4. Press (Esc) cancels the operation and exits ADM menu.

• Menu explanation

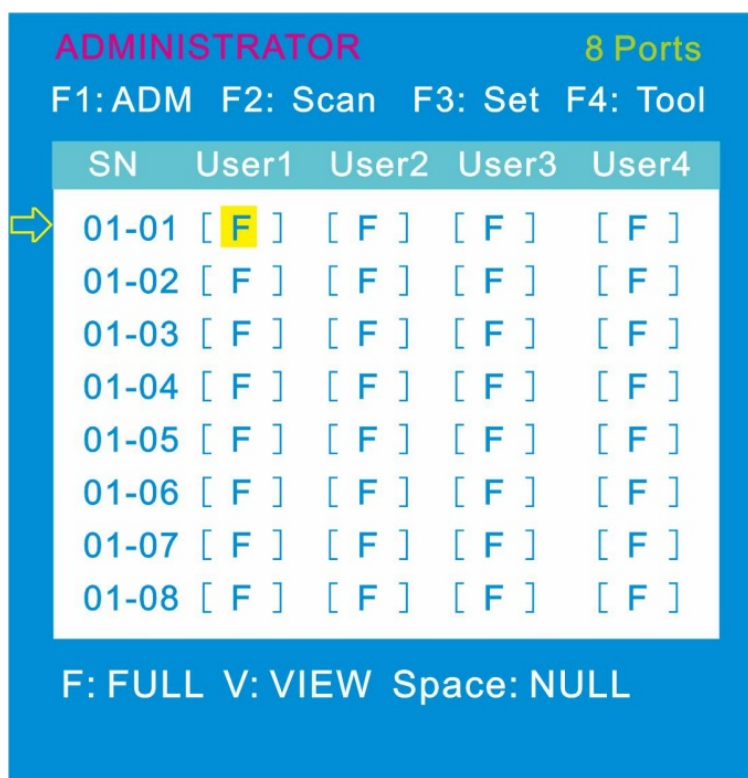
1. Set User Login—Press Enter and select Set User Login, a screen as below Diagram 4-1.1 appears: One

administrator and four users account can be set (the account and the password are no more than 16 characters)



Note You can set up an account and password according to diagram 4-1.2, then a “User setup ok” pops up showing you have done your set, and “Password Not Match” pops up, you need to type in your password again as you did in your first type.

2. Set accessible—press **Enter** and select Set Access Permission, the below menu appears: (diagram 4-1.3):



Menu	Explanation
FULL	Full access function to the station and can do any operation to the ports
VIEW	View only function, you can only view the port but you can't operate it if set this function.
NULL	If you set this function, the port will be not displayed on the user's OSD menu

Note The administrator always has full access to all the ports.

ADMINISTRATOR 8 Ports					
F1:ADM F2: Scan F3: Set F4: Tool					
SN	User1	User2	User3	User4	
01-01	[V]	[F]	[F]	[F]	
01-02	[]	[F]	[F]	[F]	
01-03	[]	[F]	[F]	[F]	
01-04	[F]	[F]	[F]	[F]	
01-05	[V]	[F]	[F]	[F]	
01-06	[F]	[F]	[F]	[F]	
01-07	[V]	[F]	[F]	[F]	
01-08	[]	[F]	[F]	[F]	
F: FULL V: VIEW Space: NULL					

4-1.4

USER1 8 Ports					
F2: Scan F3: Set F4: Tool					
SN	\$	QV	LK	Name	
01-01		@		SYSTEM	
01-04				SYSTEM	
01-05		@		SYSTEM	
01-06				SYSTEM	
01-07		@		SYSTEM	
GoTo SN ----- BANKSUM: 01					
F6: Edit F7: QV F8: Lout					
Page UP/ DN: Select Banks					

4-1.5

1. If you want to set access permission of [User1], press Space to choose the permission options you need to set.
2. [User1] log in OSD menu, as shown in diagram 4-1.5.
3. BRC Mode – Press Enter to enter the BRC mode. Enter the main menu, press F7 to add or remove a port that need broadcast function. When BRC mode is effect, aspeaker symbol appears in QV column. (see below diagrams). While BRC mode is in effect, we can operate multiple computer ports simultaneously, but the mouse is not function normally.

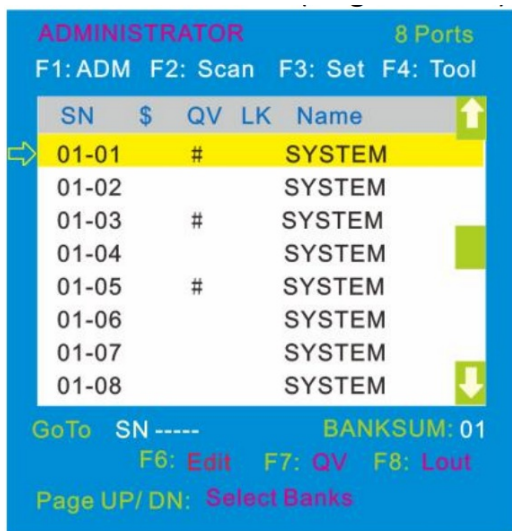
ADMINISTRATOR 8 Ports					
F1:ADM F2: Scan F3: Set F4: Tool					
Set user Login					
Set accessible					
BRC mode ON					
Load Default					
SN	LK	Name			
01-01		SYSTEMS			
01-02		SYSTEMS			
01-03		SYSTEMS			
01-04		SYSTEMS			
01-05		SYSTEMS			
01-06		SYSTEMS			
01-07		SYSTEMS			
01-08		SYSTEMS			
GoTo SN ----- BANKSUM: 01					
F6: Edit F7: QV F8: Lout					
Page UP/ DN: Select Banks					

4-1.6

ADMINISTRATOR 8 Ports					
F1:ADM F2: Scan F3: Set F4: Tool					
SN	\$	QV	LK	Name	
01-01		BC		SYSTEM	
01-02				SYSTEM	
01-03		BC		SYSTEM	
01-04				SYSTEM	
01-05		BC		SYSTEM	
01-06				SYSTEM	
01-07				SYSTEM	
01-08				SYSTEM	
GoTo SN ----- BANKSUM: 01					
F6: Edit F7: QV F8: Lout					
Page UP/ DN: Select Banks					

4-1.7

1. Open BRC mode
F1 ->BRC Mode OFF->press Enter -> BRC Mode ON (see diagram 4-1.6)
2. Open the port that need broadcast function
Press ↑ ↓ key->select the port that need broadcast function → press F7 → a “BC” symbol appears in the QV column which shows the port has entered broadcast mode.
3. Close the broadcasting port
Press ↑ ↓ key->select the port press F7 →exit BRC mode and the “BC” symbol disappears
4. Exit BRC mode
Invoke OSD main menu → F1 ->BRC Mode ON->press Enter -> BRC Mode OFF, the KVM exits BRC mode(diagram 4-1.8)



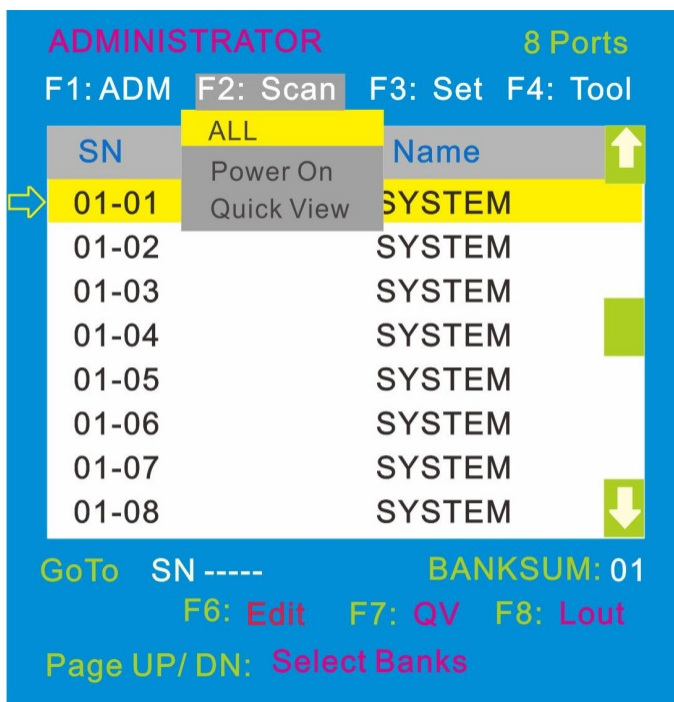
Press 【 F1 】 ->BRC Mode OFF
->press 【Enter】 ,enter the main menu, all “#” symbols turn into “BC” symbol(diagram 4-1.7)

4-1.8

4. Load Default—press Enter and select Load Default, all the set values are restored to original factory default settings.

F2-Scan

• Menu overview



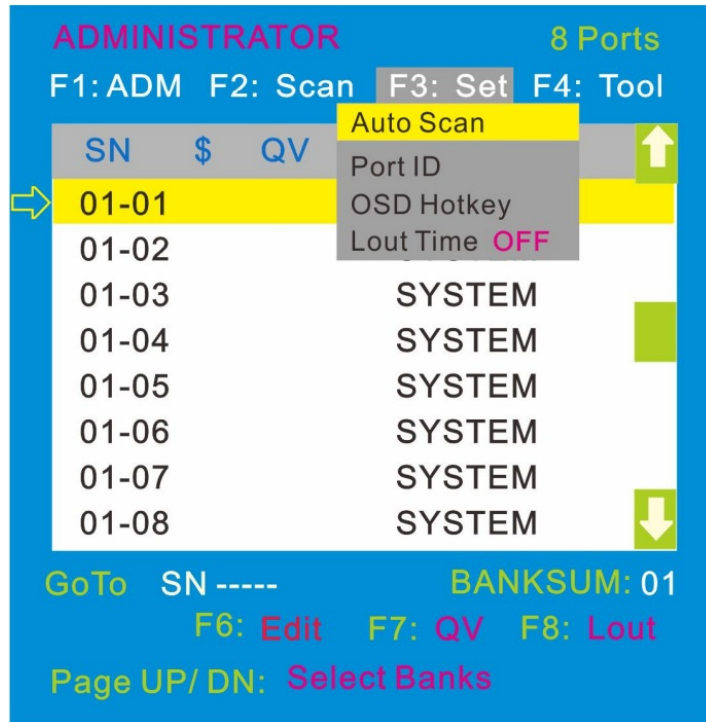
Operating instructions

1. Press F2 or ← → enters the F2 submenus.
2. Press ↓ moves the highlight bar to select the submenu.
3. Press Enter selects and exits Scan menu.
4. Press (Esc cancels the operation and exits SCAN menu.

• Menu explanation

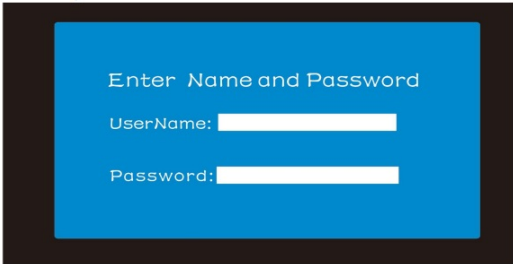
Submenu	Explanation
All	Use this function to scan all ports according to the set scanning interval.
Power On	Use this function to scan all ports with “\$” according to the set scanning interval.
Quick View	Use this function to scan all ports with “#” quick view symbols according to the set scanning interval.

- **Menu overview**



Operating instructions

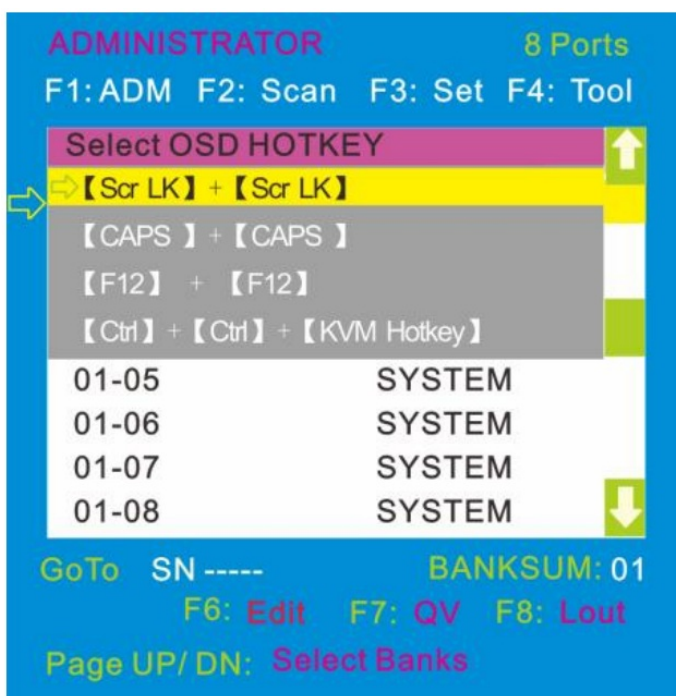
1. Press F3 or ← → enters the F3 submenus.
2. Press ↓ moves the highlight bar to select the submenu.
3. Press Enter selects and exits Set menu.
4. Press (Esc) cancels the operation and exits Set menu.

Submenu	Default value
Auto Scan	5S effective range 5-99
Port ID	0S not display the port ID1-98S: display the seconds, maximum 98s 99S: permanent display
OSD Hotkey Lout Time off	<p>Scroll Lock + Scroll Lock Caps Lock + Caps Lock F12 + F12 Ctrl + Ctrl + KVM Hotkey</p> <p>0: close the screen saver setting 01-99M: set the screen saver timeout</p> <p>Note: It is automatically log out if the current operators no longer operate for a while, then the KVM will be locked and you need to enter user name and password to operate again</p> 

OSD Hotkey Operation

Operating instruction

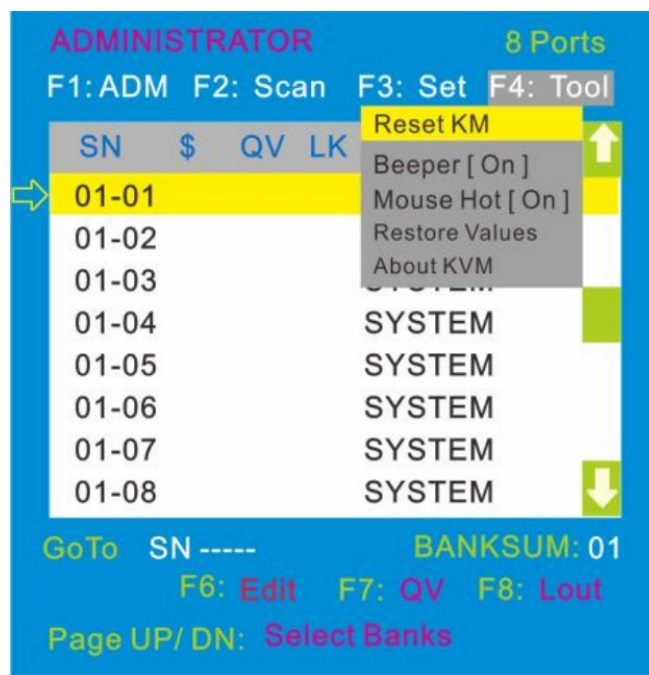
1. Press F3 and move the highlight bar with ↓ to select "OSD Hotkey" submenu. Press Enter and below screen appears:
2. KVM default hotkey: Scroll Lock



Select the “ 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

• Menu overview



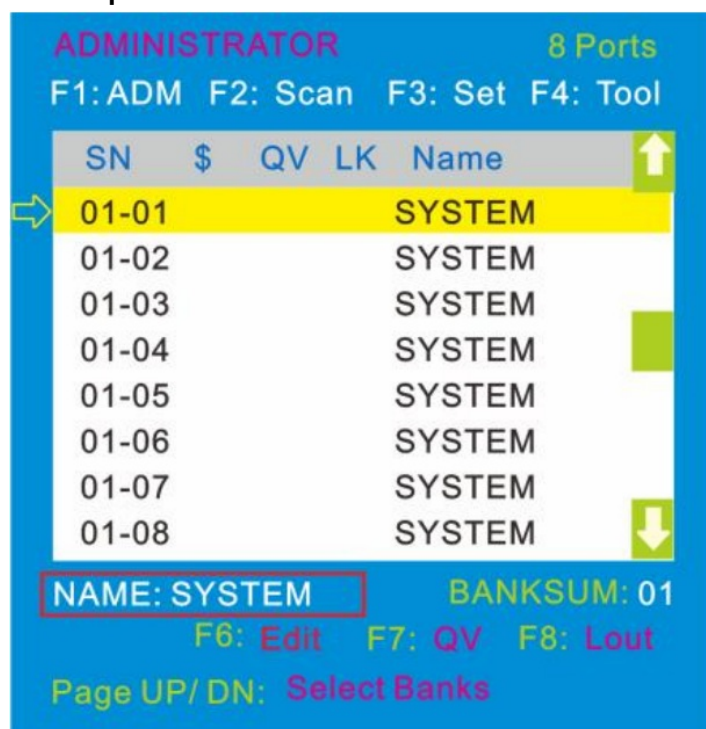
Operating instructions

1. Press F4 or ← (→) enters the F4 submenus.
2. Press ↓ moves the highlight bar to select the submenu.
3. Press Enter selects and exits Tool menu.
4. Press (Esc) cancels the operation and exits Tool menu.

2. Menu explanation

Submenu	Instruction
Reset KM	Initialize the keyboard and mouse that connected to KVM when they are break down.
Beeper On	The beeper can be turned on or off with this function.
Mouse Hot On	To open and close the mouse with this function. We can't operate the OSD when it is Off .
Restore Values	Restore to original factory default values.
About KVM	It shows the KVM version information.

F6-Edit port names



- Select the port with ↑ ↓ key;
- Press F6 and key in the new name or modify the old one, then press Enter to save the name and exit editing.
- Press Esc to cancel and exit the editing.

Note:

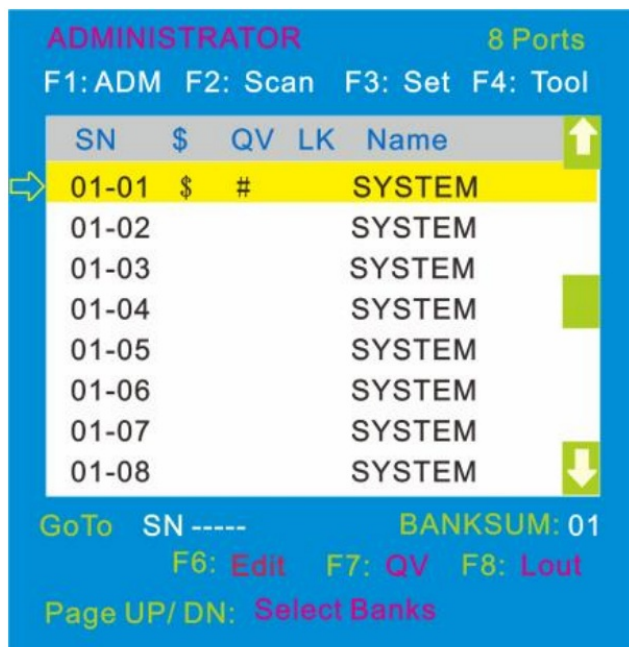
The NAME characters include:

All alpha characters: A-Z

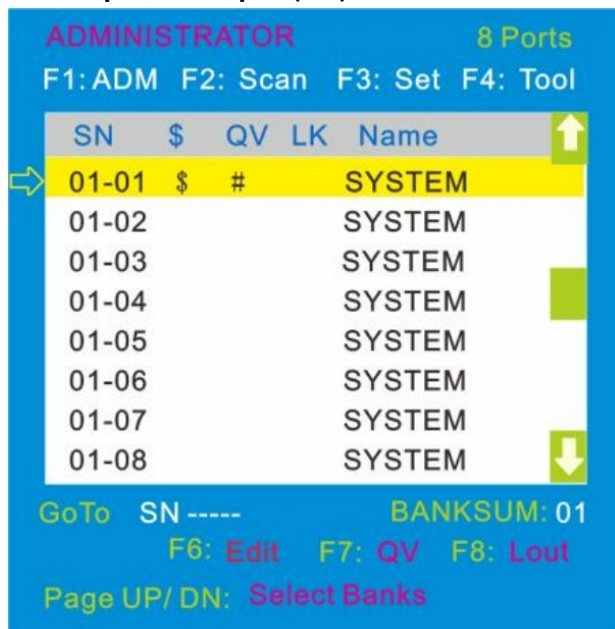
All numeric characters: 0-9

Default value: SYSTEM

F7-Set quick view port(QV)



F7-Set quick view port(QV)



- Select ports with ↑ ↓ keys
- Press F7 to include current port as Quick View, then an arrowhead appears in QV column to indicate so.

Note

Press F7 to cancel the Symbol if the current port has already have a QV arrowhead symbol in its QV column; if you want to cancel all the QV function, press Restore Values under F4:Tool.(The port name restores to default setting at the same time.)

- Press F8 exits the OSD main menu and fully exits current port, then the login window appears:

Enter Name and Password

UserName:

Password:

- Users must log in all over again to regain access to the OSD.

Appendix


Specifications (17.3")

Function		LH1708	LH1716
Computer connections	Direct	8	16
	Max	8	16
Port emulation	Keyboard, mouse	USB	
LED monitor	LED model	FHD TFT	
	View area	17.3"	
	Optimum resolution	1920×1080@60Hz	
	Display color	262K	
	Brightness	300cd/m ² (T y p)	
	Contrast ratio	800 : 1(T y p)	
	Pixel pitch(mm)	0.1989(H) × 0.1989(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		Push buttons, hotkeys, OSD menu	
Input power		100V- 240Vac, 50-60Hz, <1.5A	
Power consumption		15W	

Operating temperature	0—50 °C	
Store temperature	-20—60 °C	
Humidity	0—80% RH, non-condensing	
Net weight	10.8kg	11kg
Product dimension (W × D × H)	448mm×525.6 mm×42.5mm	
Package dimension (W × D × H)	765mm×615mm×185mm	

FAQ

Documents / Resources

<div><p>Rackmount KVM Console (8 Port / 16 Port) User Manual</p><p>PDF 800 KB Download the User Manual for KVM-1508XX KVM-1508XX, Rack Mount KVM Console, Mount KVM Console, KVM Console, Console</p></div>	<p>Shenzhen Kinan KVM-1508XX Rack Mount KVM Console [pdf] User Manual</p> <p>KVM-1508XX Rack Mount KVM Console, KVM-1508XX, Rack Mount KVM Console, Mount KVM Console, KVM Console, Console</p>
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References

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[Manuals+](#), [Privacy Policy](#)

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