

LED HDMI KVM SWITCH

USER MANUAL

Introduction

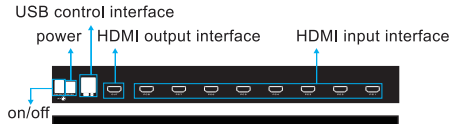
The integrated KVM control platform has the characteristics of improving efficiency, simple use, easy management, cost saving, environmental protection and energy conservation. Its height is standard 1U, which conforms to the rack structure of the cabinet and saves more than 85% of the cabinet's usage space. Adopting the iron shell, it is easy and convenient to carry at any time, with good anti-corrosion and heat dissipation functions.

Feature

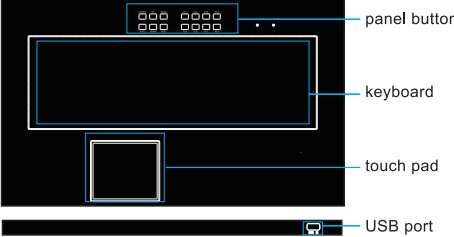
- Resolution up to 1920 * 1080
- Slidable drawer fits for various racks
- Supports 1 HDMI external display output
- Design of 98 key keyboard and TouchPAD combination
- 15.6 inch LED display with automatic adjustment function
- Built-in keyboard and mouse, supports external USB keyboard and mouse
- No software required, switching by panel buttons, hotkeys, or OSD menu
- Supports various server systems: domestic system, Windows full series Linux, Mac

Panel instruction

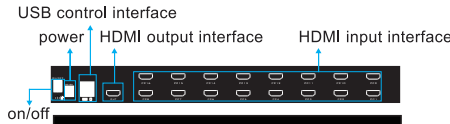
8 port



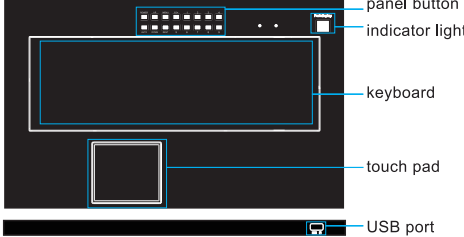
LED KVM



16 port

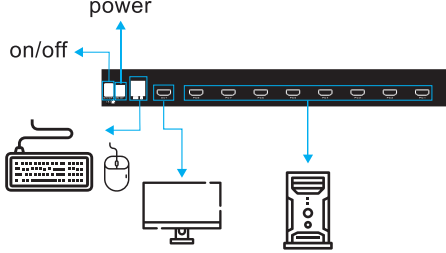


LED KVM

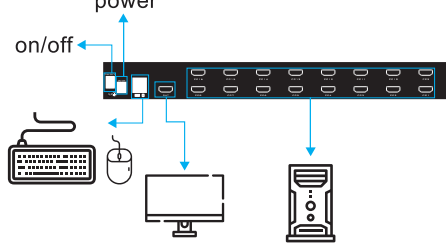


Connection Diagram

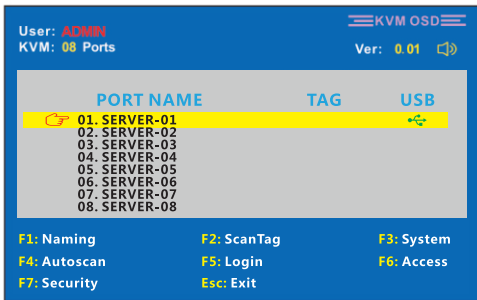
8-port connection diagram



16-port connection diagram



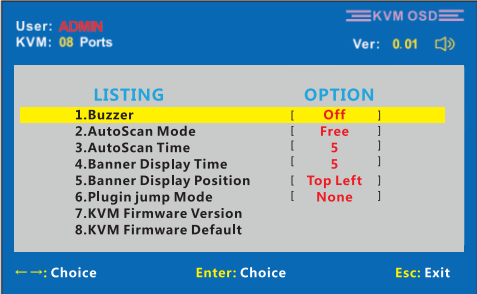
OSD



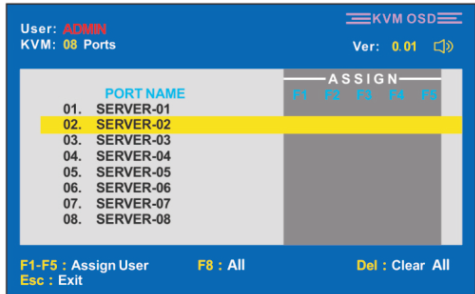
- F1:** Naming: Press F1 in the OSD menu to customize the port name:(Note) The maximum input characters is 14. The letter "W"(capital/lower) occupies 2 characters.
- F2:** Scan Tag: In the OSD menu, press F2 to add a scan tag to the port
- F3:** System: in the OSD menu, press F3 to enter the system menu
1. Buzzer "OFF" turns off sound, "ON" turns on sound
 2. Auto Scan Mode: Free(random port auto scan); TAG(scan ports with "TAG" label); USB(scan ports with USB connection)

3. AutoScan Time: "5" default; Press "←" to decrease, press "→" to increase. Maximum value is 999, minimum value is 5
4. Banner Display Time: "5", "10", "15", "30", "60", "90" options
5. Banner Display Position: Top left/ Top Center/Top Right
6. Plug Jump Mode: The device will switch automatically when USB plug-in
7. KVM Firmware version
8. Factory Default, Yes

* Note: this setting only restore the value of mode and time, Username, host name and password will do not be recovered.

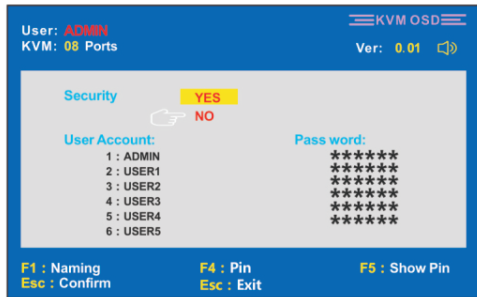


- F4:** Auto Scan: Within OSD menu, press "F4" to activate or inactivate auto scan
- F5:** Login: in the OSD menu, set the security setting to Yes, press F5 to enter the password login interface
- F6:** Access: (as shown in the figure below), set user access permissions 5 user access permissions can be set for each device



F1-F5 represents five different groups of users and can be assigned different host control permissions. Press F8 can assign the selected hosts permission to all user F1-F5.

- F7:** Security setting (as shown in the figure below). When you select Yes, it means you need to enter the user name and password every time you operate the device. If you select No, you don't need it.
- F1:Naming. To modify the user name. (Remark)The maximum input characters is 14. The letter "W"(capital/lower) occupies 2 characters
- F4 Pin. Set a new password. (Remark)The maximum input characters is 6. The letter "W"(capital/lower) will be invisible, but will not affect the setting
- F5: Show Pin to view the current password
- Enter: Confirm: Confirm
- ESC: Exit



Buzzer: Can be off and on via hot key and OSD menu

- A When the buzzer is on, press the hotkey home+home+B once.the buzzer is turned off, and the hotkey repeated buzzer is turned on.
- B When the buzzer is on, press home+home+Enter to recall theOSD menu, press F3 to enter the System, use the ↑ ↓ (on keyboard)to select the "Buzzer option, press "ENTER" to confirm the selection,use the →← (on keyboard) to adjust, OFF close , ON to open.

Hot-key

- Home+Home+Enter Enter KVM OSD default mode
- Home+Home+Caps Enter hot-key Caps mode
- Home+Home+ Scroll Enter hot-key Scroll mode
- Home+Home+Num Enter hot-key Num mode

Default commands

Home+Home+1,2,.... Switch corresponding interface

When hotkey switching input port is higher than 9, the input number pressing should be completed within 2 seconds.

Eng: Submit "13". Press "3" within 2 seconds after pressing "1", then switch to input 13, or it will be switched to input 1

- Home+Home+ → ↓ Switch to next interface
- Home+Home+ ↑ ← Switch to previous interface
- Home+Home+B Turn on or off buzzer
- Home+Home+S Auto scanning press any key to exit, it will stop at current port
- Home+Home+I+Num+Enter Set the auto-scan intervals, values from 5 to 999

If you want to use Caps mode, please press home+home+Caps first.

Caps Mode:

- Caps+Caps+ 1,2,.... Switch corresponding interface
- Combination hot-key should complete within 2 seconds. Eng: submit13th, press"3" within two seconds after pressing 1 to complete theswitching to interface 13th
- Caps+Caps+ → ↓ Switch to next interface
- Caps+Caps+ ↑ ← Switch to previous interface
- Caps+Caps+B Turn on or off buzzer
- Caps+Caps+S Auto scanning, press any key to exit, it will stop at current port
- Caps+Caps+I+Num+EnterSet the auto-scanning intervals, Value from 5 to 999

if want to return default mode, please press Caps +Caps+Home. Use the similar method to enter other mode.

Product Specifications

interface type		HDMI
Keyboard and mouse port		USB*3
LED monitor	panel type	TFT LED Panel
	visible area	15.6 inch
	monitor size	359.5(H)*233.8(V)MM
	Resolution	1920*1080@60Hz
	Color display	300cd/m²
	contrast ratio	800:1
Pixel spacing	0.17925(H)X0.17925(V)	
	Keyboard design 98key	
Input Port		8 16
Output Port		1
PC Port Connector		HDMI A-type female seat
Control Port Connector		HDMI A female base, USB A port
bandwidth		Max 3G
HDCP technology		Not support
HDMI version		HDMI1.4
Support video formats		External display resolution: 1080P@60Hz Downward compatible Built-in display resolution: 1080P@60Hz Downward compatible
Color Space		RGB4:4:4,YCbCr4:4:4,YCbCr4:2:2
video resolution		1080P@60Hz Downward compatible
Compatible system		Windows full series, Mac, Kirin/Ubuntu system.....
USB protocol		USB1.1
EDID logic		Built-in EDID

Gain Mode Description	[HOME]+[HOME]+g+1/2/3/4/5/6	
Indicator light status	Indicator corresponding to port switchover	Nixie tube display corresponding port
Reset function	Power off /reset button support	
Hot swapping	support	
Electrostatic protection	± 6KV (contact discharge)	
Firmware update	Supports USB upgrade	
switching mode	Button switching, hotkey switching, OSD menu switching	
Power Supply	DC12V	
input voltage	Power supply AC100V~260V, 50/60 Hz	
power waste	9W 16W	
Product size (mm)	479 * 410 * 44 (hanging ears included)	
Operating temperature	0°C~50°C	
Storage temperature	-20°C~60°C	
Shell material	Metal	
Warranty	1-year free warranty, lifetime maintenance	

Pack list

No	list	8 port	16 port
1	LED HDMI KVM Console	1	1
2	1.5m HDMI/USB2.0 KVM cable	4	8
3	1.8m HDMI/USB2.0 KVM cable	4	4
4	2.5m HDMI/USB2.0 KVM cable	/	4
5	DC12V adapter	1	1
6	User Manual	1	1