

Combined HDMI KVM switch

Description

Combined LED KVM switch is the console platform for new server room. Abandon the defects of traditional KVM switch. KVM module, screen display and bracket tray can be easily separated. This series KVM switch console has the unique of high effective, easy usage, convenient management / save cost, remote management and energy saving. The height is standard 1U, suitable for 19 inch bracket structure, can save above 85% usage space of cabinet. Adopt Al case, easy and simple, carry in and out at any time, with good corrosion resistance and heat dissipation function.

Feature

- 8 HDMI input interface
- One local HDMI output, the resolution up to 1920*1080P@60Hz
- The size of screen is 17.3 inch, and the highest resolution is 1920*1080P@60Hz
- Built-in keyboard and touch mouse
- Support external USB keyboard and mouse
- With buzzer
- Support EDID
- With OSD function, two OSD menu: 1. screen OSD and KVM OSD
- With original HDMI KVM cables
- Support IAP update software function

Product Specifications

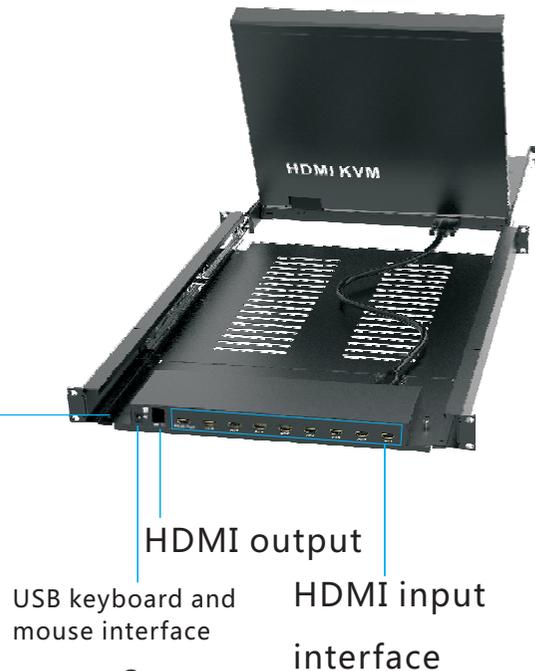
LED screen	Display screen type	17.3" FHD Color
	Size	439.42 (17.3")
	Resolution	1920*1080P
	Color	16.7M Colors (RGB 6-bit data+HIFRC data)
	Brightness	400cd/m2(Typ)
	Contrast	600:1 (Typ)
	Pixel interval	0.1989 (per one triad)x0.1989
	Lifetime	50,000 Hrs
	Consumption	17W (Typ)
Built keyboard	Keyboard	98
	Compatibility	IMB/AT, support Microsoft Windows9X / Me/nt/2K/XP
	Keyboard interface	USB
	Lifetime	>1.000.000times
Mouse touch panel(2 button)	Hardware interface	USB
	System	Support Windows series , MAC etc
	Lifetime	>1.000.000times
Power	DC12V	
Housing color	Black	
Housing	Al	
Dimension (W×D×H)	480x600x45	
Cabinet installation depth	600mm-810mm (Use suitable mounting ears)	
Operation Temp	-45~60°C	
Storage Temp	-20~60°C	

Panel instruction

KVM console
interface



Power
interface



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: submit 13th, press "3" within two seconds after pressing 1 to complete the switching to interface 13th

Caps+Caps+→↓ Switch to next interface

Caps+Caps+↑← Switch to previous interface

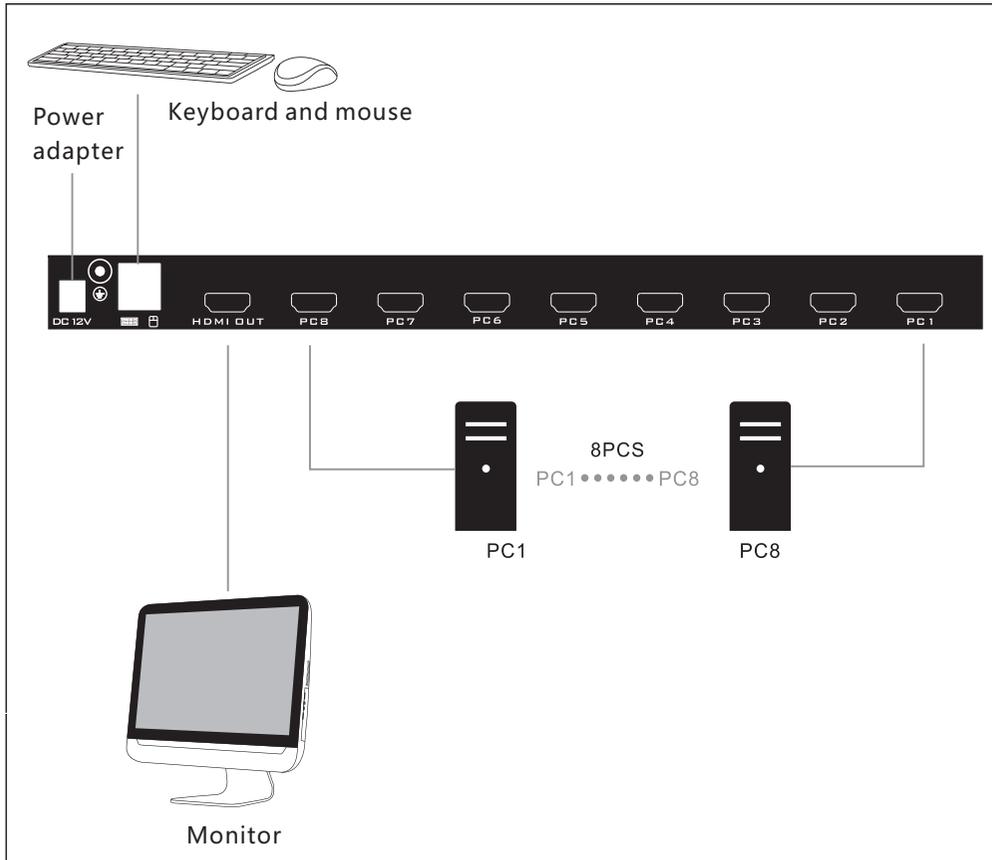
Caps+Caps+B Turn on or off buzzer

Caps+Caps+S Auto scanning, press any key to exit, it will stop at current port

Caps+Caps+I+Num+Enter Set 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.

Connection Diagram



Default commands

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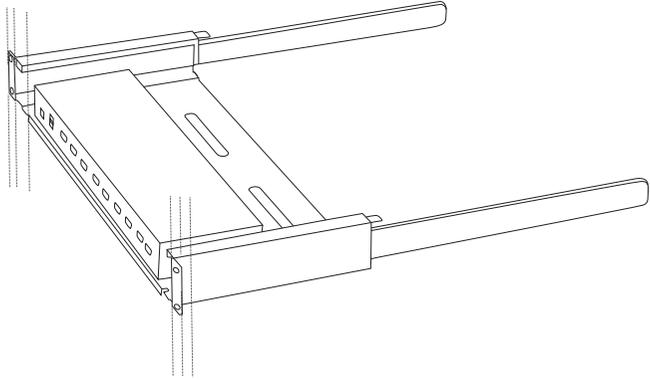
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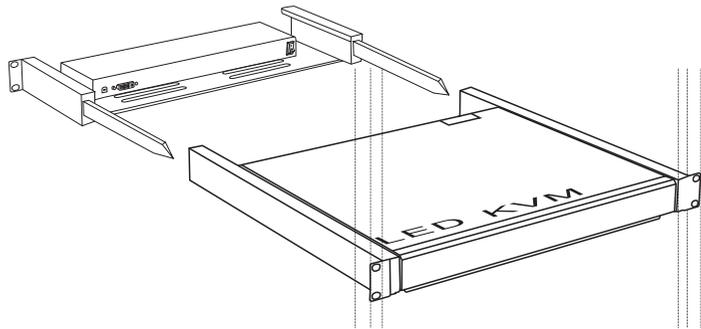
Installation

Must adjust the fixed mounting rack of cabinet to the installation position of standard server before install.

Step 1: Open the rear door of cabinet, selected the right height, install the KVM modular and bracket to cabinet



Step 2: At the front end of the cabinet, insert the display to the bracket, and then fix the cabinet screws



Step 3: Connect KVM modular and display via DVI cable

Step 4: Connect the KVM switch and servers via KVM cable

Step 5: Connect the power adapter, installation completed.

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 the OSD 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

OSD

Note: When in the KVM OSD menu, the OSD cannot be operated

F1: Naming: Press F1 in the OSD menu to customize the port name:

(Note) The maximum input is 14 characters, but when it contains W characters, the maximum input characters may be less than 14 characters

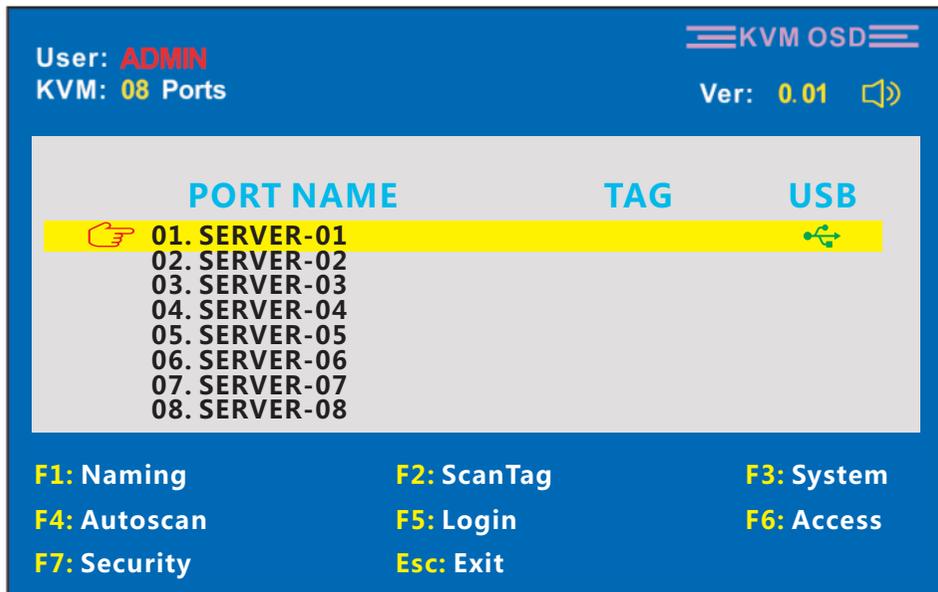
F2: Scan Tag: In the OSD menu, press F2 to add a scan tag to the port

F3: System: in the OSD menu, press F3 to enter the system menu

F4: Auto Scan: In the OSD menu, press F4 to enter the port scan state

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.



None: No automatic Switching

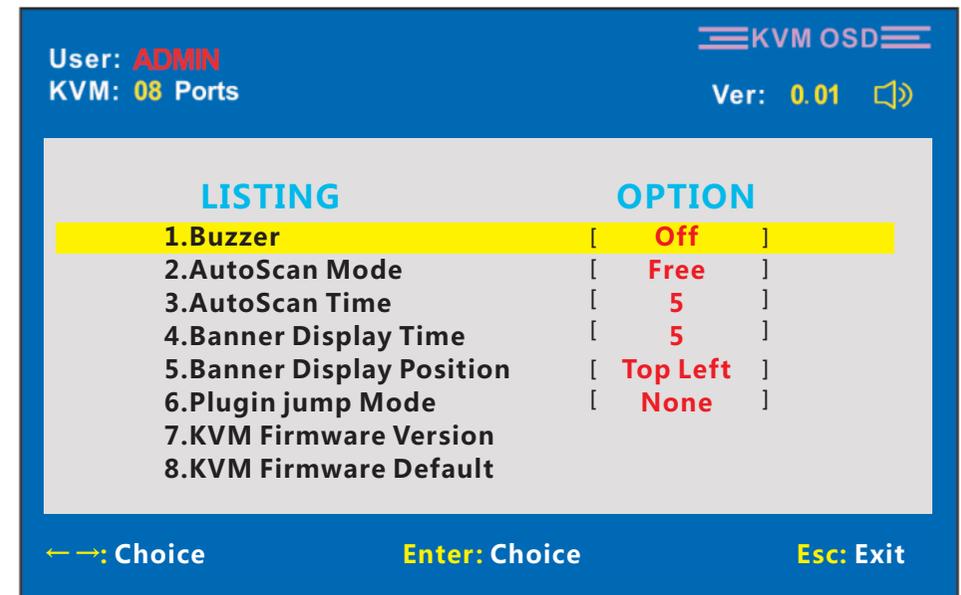
Power: Automatic switching when current USB interface with 5V voltage input(Switch automatically to the corresponding USB interface that with 5V voltage input)

USB: USB connect successfully to auto Switching(witch automatically to the corresponding USB interface that successful USB connection)

7. KVM Firmware version

8.Factory Default. Yes

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



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 is 14 characters, but when it contains W characters, the maximum input characters may be less than 14 characters

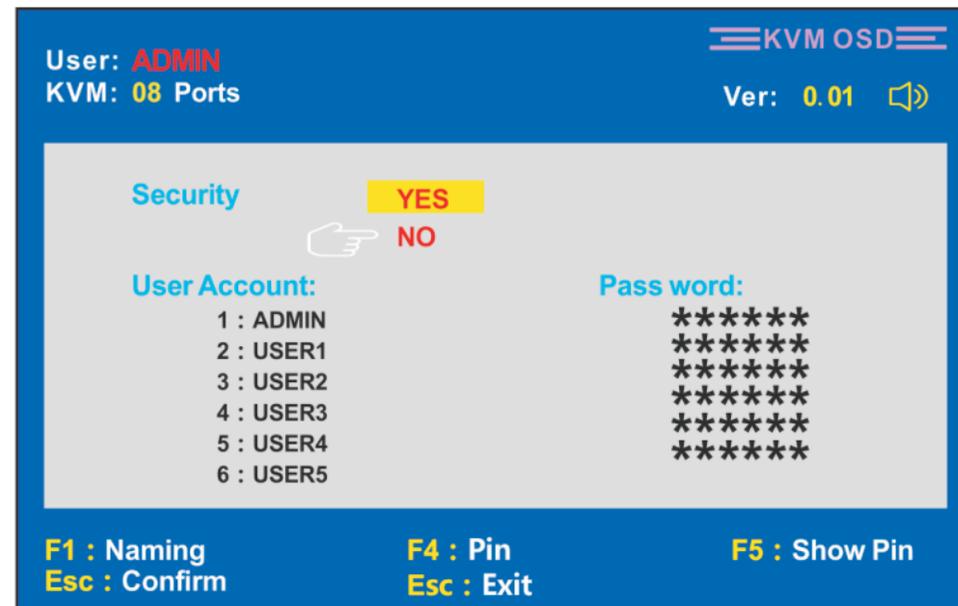
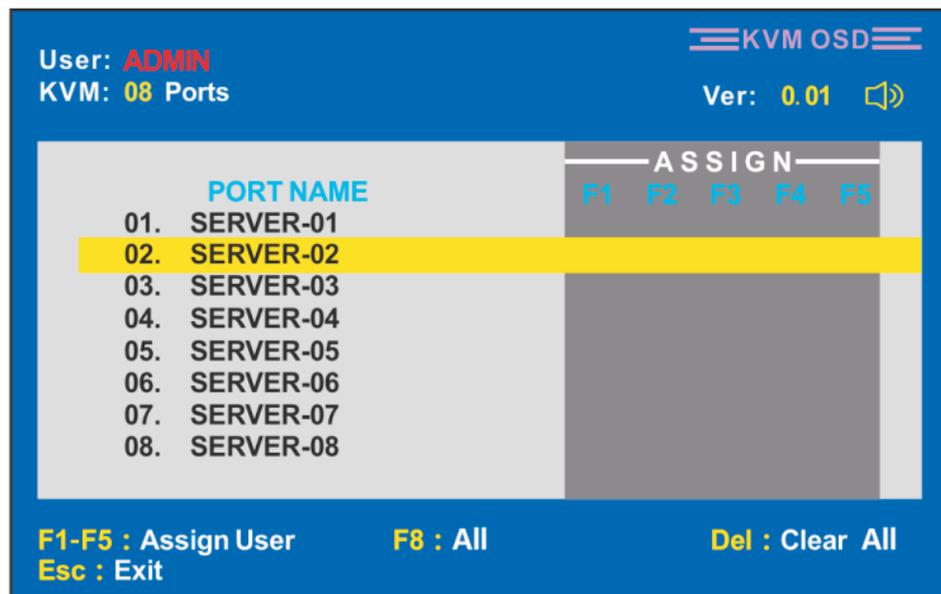
F4: Pin set a new password

(Remark) The password is 6 characters, but when it contains W characters, part of the character will be invisible, but it will not affect the password setting

F5: Show Pin to view the current password

Enter: Confirm: Confirm

ESC: Exit



1. Buzzer "OFF" turns off sound, "ON" turns on sound
2. AutoScan Mode: Free Tag, USB: there is a port to connect to USB interface
3. AutoScan Time "5" Press the ← key once to decrease by 5 seconds, press the → key once to increase by 5 seconds, the maximum value is 999, the 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

None: No automatic Switching

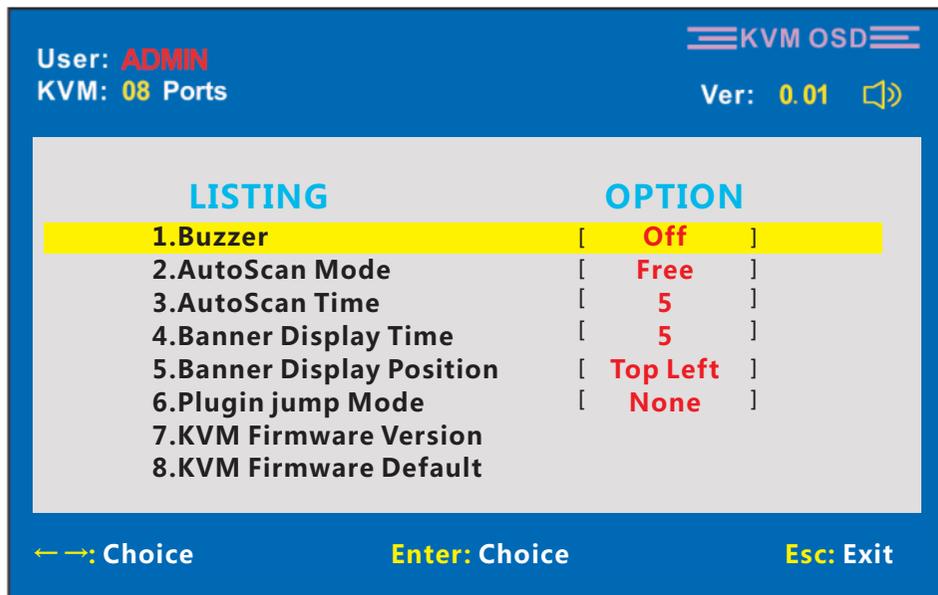
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