

## 8/16 Port KVM Switch

Thanks for buying our KVM switch. It allows you to access eight or sixteen computers /DVR/NVR from a single USB keyboard,USB mouse and monitor console.We have three kinds of KVM switch for your selection, HDMI KVM switch, DVI KVM switch and VGA KVM switch. They are widely used in security exchange market ,multimedia conference room,booking hall ect...

### ◆ HDMI KVM Switch Features:

- One USB console controls 8/16 HDMI-interface computers /DVR/NVR
- Switch Mode: a. button push b. Keyboard Hot-Key switch c. click mouse switch d. wired remote push button
- HDMI digital monitor support -fully compliant with HDMI 1.4a; also HDCP compliant,EDID
- Support Dolby True HD and DTS HD Master Audio;
- Superior video quality :480i,480p,720p,1080i,and1080p(HDTV)/1920× 1200(DVI), 4K@30Hz;
- Multiplatform support: Windows 10/7/2000/XP/Vista、 Linux and Mac;
- Support Hot plug & play
- Auto Scan Mode for monitoring all computers /DVR/NVR
- With USB2.0 Hub

### Specification:

Computer connections		8/16	
Port Selection		Pushbutton; Hotkey	
Interface	Console Ports	Keyboard	1×USB Type A Female
		Monitor	1×HDMI Female
		Mouse	1×USB Type A Female
	Input Ports	Keyboard/Mouse	8/16×USB Type B Female
		Monitor	8/16×HDMI Female
Power		1×DC Power Adaptor	
Switch	Select	8/16×Port	
LED Indicator	KVM	8/16	
	USB connection	8/16	
Monitor Resolution		4K@30Hz	
Scan Interval		8-999 seconds	
Power Consumption		DC5V, 3.2W	
Environment	Operating Temp		0-50℃
	Storage Temp		-20-60℃
	Humidity		0-80% RH, Non-condensing
Physical Properties	Housing		Metal
	( Length × Width × Height )		440×150×42MM

## ◆ Connection Diagram:



## ◆ DVI KVM Switch Features:

- One USB console controls 8 DVI-interface computers /DVR/NVR
- Switch Mode: a. button push b. Keyboard Hot-Key switch c. click mouse switch d. wired remote push button
- With stereo audio and microphone
- Superior video quality :4K@30Hz ,1080p(HDTV)/1920×1200(DVI)@60Hz
- Multiplatform support: Windows 10/7/2000/XP/Vista、Linux and Mac;
- Support Hot plug & play
- Auto Scan Mode for monitoring all computers /DVR/NVR
- With USB2.0 Hub
- With audio

## Specification:

Computer connections		8	
Port Selection		Pushbutton; Hotkey	
Interface	Console Ports	Keyboard	1×USB Type A Female
		Monitor	1×DVI Female
		Mouse	1×USB Type A Female
		Audio	1×3.5mm Audio Jack Female (Green)
	Microphone	1×3.5mm Audio Jack Female (Red)	
Input Ports	Keyboard/Mouse	8×USB Type B Female	
	Monitor	8×DVI Female	
Power		1×DC Power Adaptor	
Switch	Select	8×Port	
LED Indicator	KVM	8	
	USB connection	8	
Monitor Resolution		1080p(HDTV)/1920×1200(DVI)	
Scan Interval		8-999 seconds	
Power Consumption		DC5V, 3.2W	
Environment	Operating Temp	0-50°C	
	Storage Temp	-20-60°C	
	Humidity	0-80%RH, Non-condensing	
Physical Properties	Housing	Metal	
	(Length×Width×Height)	440×150×42MM	

## ◆ Connection Diagram:



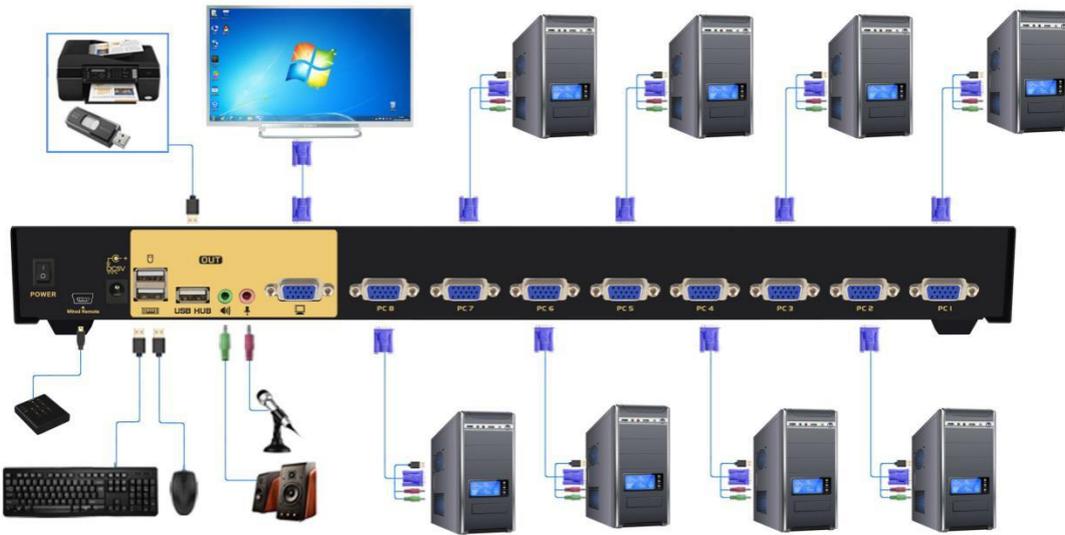
## ◆ VGA KVM Switch Features:

- One USB console controls 8/16 VGA-interface computers /DVR/NVR
- Switch Mode: a. button push b. Keyboard Hot-Key switch c. click mouse switch d. wired remote push button
- With stereo audio and microphone
- Superior video quality :2048×1536@60Hz
- Multiplatform support: Windows 10/7/2000/XP/Vista、Linux and Mac;
- Support Hot plug & play
- Auto Scan Mode for monitoring all computers /DVR/NVR
- With USB2.0 Hub
- With audio

## Specification:

Computer connections		8/16	
Port Selection		Pushbutton; Hotkey	
Interface	Console Ports	Keyboard	1×USB Type A Female
		Monitor	1×VGA Female
		Mouse	1×USB Type A Female
		Audio	1×3.5mm Audio Jack Female (Green)
		Microphone	1×3.5mm Audio Jack Female (Red)
	Input Ports	Keyboard/Mouse	8/16×VGA Female
	Monitor		
	Power	1×DC Power Adaptor	
Switch	Select	8/16×Port	
LED	KVM	8/16	
Indicator	USB connection	8/16	
Max Monitor Resolution		2048×1536@60Hz	
Scan Interval		8-999 seconds	
Power Consumption		DC5V, 3.2W	
Environment	Operating Temp	0-50℃	
	Storage Temp	-20-60℃	
	Humidity	0-80%RH, Non-condensing	
Physical Properties	Housing	Metal	
	(Length×Width×Height)	440×150×42MM	

## ◆ Connection Diagram:

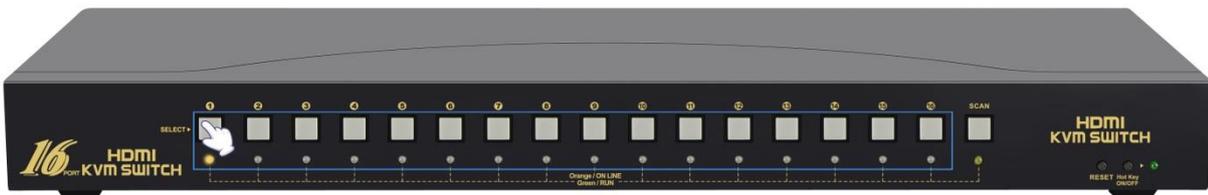


## ※ LED Indicator:

1. Orange lightning :The current operating port
2. Green lightning:Indicate the connected port's computer is on
3. SCAN lightning:Indicate the KVM enters auto-scan mode

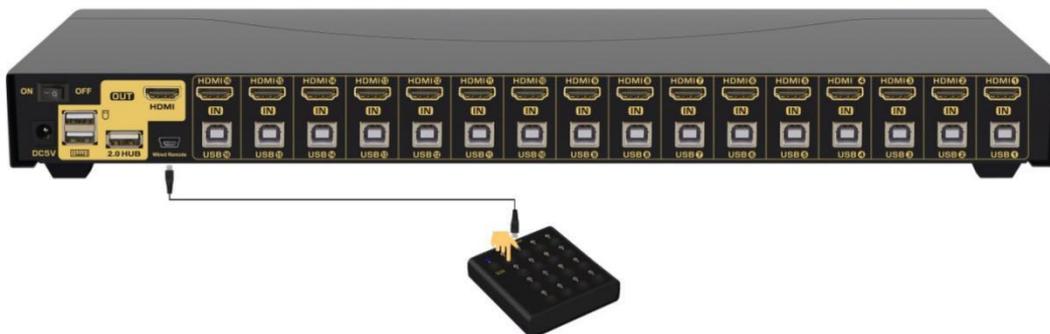
## ※ Switch Modes:

- **Push Button Switch:** Switch to any port by buttons on front panel.



- **Wired remote push button switch (Optional) :** Switch to any port by remote button after you plug it to the KVM.

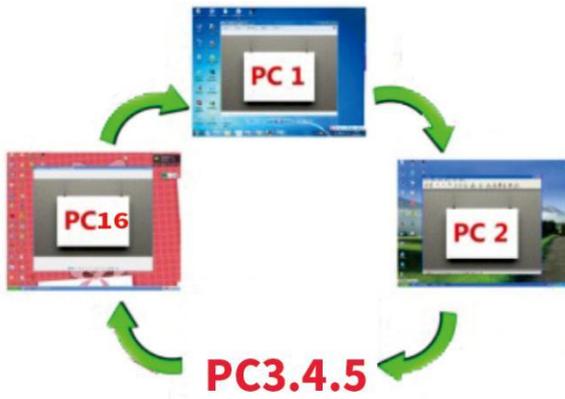
**NOTES:** push button switch and wired remote push button switch cannot be used in conjunction. When you plug wired remote push button to the KVM, button switch will be disabled.



● **Keyboard Hot-key Switch** : fox example, double click the right **【Ctrl】** +1/2/3/4…… 13/14/15/16+ **【Enter】**

● **Click mouse Switch**: Double click the middle roller of mouse, then press the right(or the left) mouse button to switch to the next(or the previous) port.

a. Double click the middle roller of mouse, then press the right mouse button to switch to the next port.



b. Double click the middle roller of mouse, then press the left mouse button to switch to the previous port.



**※ Hotkey Setting :**

**Default hot-key is the right【Ctrl】.**If use the right【Ctrl】conflict with other hot-key, The hot-key can be set to **【Num lock】** key, or **【Scroll Lock】** .

For example: Double click the right**【Ctrl】**→**【Num lock】**→**【Enter】**, The hot-key change to **【Num lock】**; double click the right **【Ctrl】** → **【Scroll Lock】** → **【Enter】**, The hot-key change to **【Scroll Lock】** key.If the hot-key set as **【Scroll Lock】**, and you want to set the hot-key as the left**【Ctrl】** key, then double click the**【Scroll Lock】**→the left**【Ctrl】**→**【Enter】**, then the hot-key change to the left **【Ctrl】** .

Double click the right <b>【Ctrl】</b> → <b>【Num lock】</b> → <b>【Enter】</b>	Hotkey change to <b>【Num lock】</b>
Double click the right <b>【Ctrl】</b> → left <b>【Ctrl】</b> → <b>【Enter】</b>	Hotkey change to the left <b>【Ctrl】</b>
Double click the right <b>【Ctrl】</b> → <b>【Scroll Lock】</b> → <b>【Enter】</b>	Hotkey change to <b>【Scroll Lock】</b>
If the hotkey is changed to <b>【Scroll Lock】</b> , You want to change it to the left <b>【Ctrl】</b> , Then double click <b>【Scroll Lock】</b> +the left <b>【Ctrl】</b> + <b>【Enter】</b>	

### ※ Keyboard hot-key Operation:

Double click the right <b>【Ctrl】</b> → <b>N</b> → <b>【Enter】</b>	The KVM can switch to the device you choose.
Double click the right <b>【Ctrl】</b> → <b>【S】</b> → <b>【Enter】</b>	Turn on/off the auto-scan function, or you can press the scan button on front panel
Double click the right <b>【Ctrl】</b> → <b>【S】</b> → <b>N</b> → <b>【Enter】</b>	Set the scan interval, Can set to 8-999 seconds (The system defaults to 8 seconds)
Double click the right <b>【Ctrl】</b> → <b>【B】</b> → <b>【Enter】</b>	Turn on/off the beeping sound
Double click the right <b>【Ctrl】</b> → <b>【T】</b> → <b>【Enter】</b>	Turn on/off the detection function (default is off)
Double click the right <b>【Ctrl】</b> → <b>【R】</b> → <b>【Enter】</b>	Reset the KVM System to solve the keyboard and mouse freeze.
Double click the right <b>【Ctrl】</b> → <b>【F1】</b> → <b>【Enter】</b>	Solve the problem that mouse cannot be used when HP notebooks enter BOIS
Double click the right <b>【Ctrl】</b> → <b>【F2】</b> → <b>【Enter】</b>	Solve the problem that mouse or keyboard cannot be used in Mac
Double click the right <b>【Ctrl】</b> → <b>【Z】</b> → <b>【Enter】</b>	Solve the problem that mouse cannot be used in Raspberry Pie system
Double click the right <b>【Ctrl】</b> → <b>【TAB】</b> → <b>【Enter】</b>	Restore the hotkey to the default --- right <b>【Ctrl】</b>
Double click the right <b>【Ctrl】</b> → <b>【ESC】</b> → <b>【ESC】</b> → <b>【Enter】</b>	Reset factory setting for KVM switch to solve the problem of keyboard and mouse

### Notes:

1. The **n** stands for the computer's Port number (1, 2, 3, ..... 16) or Number 8 to 999.
2. When the auto scan function is activated, you can press the any key on the panel, the auto scan function turns off automatically.
3. If the computer enters into sleep mode. You must to press the computer's power button to wake it up. we recommend the users do not set the computers enter sleep mode.

### ※ Troubleshooting

Q: keyboard or mouse does not work

A: 1. first, make sure that the USB cable or socket are already connected to the computer side, there is no signal exception, and the power has been connected.

2. After the image switch normally, Mouse and keyboard access to the KVM switcher, wait a few seconds for the computer to complete the drive recognition.

3. push "reset" button to restart the kvm switcher.

4. Turn off the kvm and restart power to re-identify.

Q: No display

A: 1. Push the "Auto EDID" to restart the kvm switcher.

2. Check the cables if connected well or the cable problem.