

# HDMI 接口KVM切换器用户手册

## 特别提示

在使用本产品之前, 请务必先仔细阅读本产品使用说明书。  
请务必妥善保管好本书, 以便日后能随时查阅。  
请在充分理解内容的基础上, 正确使用。  
本公司保留对产品进行更改的权利, 由于技术更新产品参数变化恕不另行通知。

## 产品外观

(以4口为例)



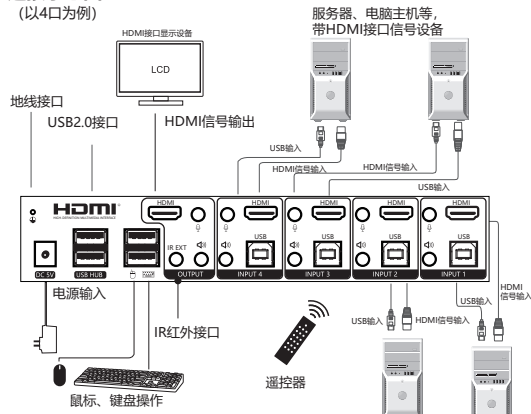
## 产品特点

- 支持USB1.1和2.0
- 支持Windows,Mac,Linux系统;
- HDMI接口分辨率最高支持4Kx2K@60Hz;
- 支持端口插入自动识别侦测、电脑睡眠唤醒、断电记忆功能;
- 无需安装驱动, 可以通过键盘热键、鼠标、面板按键、红外遥控、串口切换选择所需要操作的电脑主机视频画面及音频功能;
- 显示监控状态的LED指示灯;
- 无需关闭设备电源, 通过从端口插入和拔出线缆, 即可卸除和向装置添加部件;
- 适用于电脑、硬盘录像机等。

(以产品实物为准)

## 连接示意图

(以4口为例)



注: USB1/2 ( ) 接口只可接鼠标键盘, USB3/4接口可接U盘、打印机等设备。

## 安装方法以及使用说明:

- 1.用KVM线将电脑设备与KVM切换器连接起来(见接线图)。
- 2.将显示器和USB接口的键盘鼠标连接到KVM切换器上。

- 请在开机前确保所有有电缆线连接正确。
- 清理或长时间不使用时, 请拔掉电源插头。
- 请使用该产品的专用电源适配器, 并在适配器标注的电源范围内使用。
- 工作温度: 0~40°C, 工作湿度: 5~85%RH (无冷凝)。

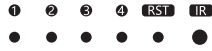
## 操作方法

- 1、按连接示意图正确连接信号源和显示设备、操作键盘鼠标;
- 2、切换方式: 面板按键切换, 键盘热键切换, 红外遥控切换, RS232代码切换。

## 切换方式

- 第一种切换方式: 按键切换

按面板上面的按钮可切换到对应的主机。



- 第二种切换方式: 键盘切换

键盘热键切换: 双击键盘热键, 如右【Ctrl】键(上电默认), 然后按键盘上相对应的数字键1...4, 最后按回车键即【Enter】键。



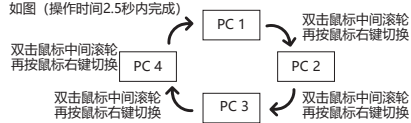
- 第三种切换方式: 鼠标切换

2口KVM鼠标切换方式: 双击鼠标中间滚轮进行循环切换如图, (操作时间2秒内完成)



- 4口KVM鼠标切换方式

双击鼠标中间滚轮然后按鼠标右键时, 端口往下一个端口进行切换。双击鼠标中间滚轮然后按鼠标左键时, 端口往上一个端口进行切换。



## 更改快捷键模式

- a:连接2次键盘右边Ctrl+单击右边Ctrl+enter(回车)键---为键盘右边Ctrl
- b:连接2次键盘右边Ctrl+单击左边+enter键---为键盘左边Ctrl
- c:连接2次键盘右边Ctrl+单击NumLock+enter键---为键盘Numlock
- d:连接2次键盘右边Ctrl+单击Capslock+enter键---为键盘CapsLock
- e:连接2次键盘右边Ctrl+单击Scoilock+enter键---为键盘ScollLock

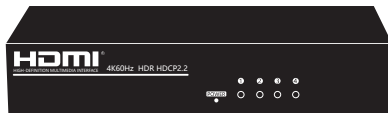
# KVM Switch User Manual

## Special Note

Before using this product, please read this manual carefully. Please keep this manual for future reference. The company may change the fuction of product without notice.

## Appearance

(Take 4 as an example)



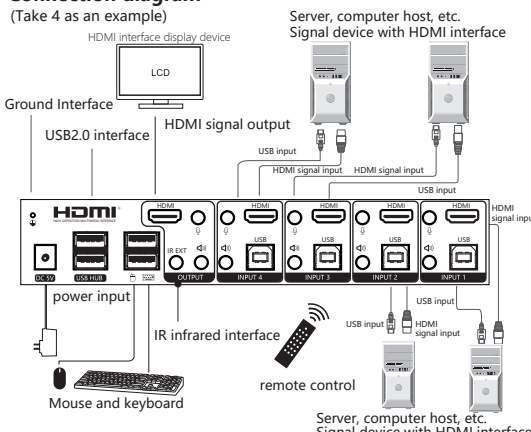
## Features

- Supports USB 1.1 and 2.0
- Support Windows, Mac, Linux systems;
- HDMI interface resolution up to 4Kx2K @ 60Hz;
- Support port insertion automatic recognition detection, computer sleep wake up;
- No need to install the driver, you can use keyboard hotkeys, mouse, panel keys, infrared remote control, serial port switch.
- LED light shows work status;
- Support add or remove units over plug and play without shut off the switch;
- Apply to DVR, etc.,

(To prevail in kind)

## Connection diagram

(Take 4 as an example)



注: USB1/2 ( ) Interface can only connect mouse and keyboard, USB3/4The interface can be connected to U disk, printer and other equipment.

## Installation method and instructions:

- 1.Connect computer equipment with KVM switch with KVM cable
- 2.Connect the monitor and USB keyboard and mouse to the KVM switch.

- Please make sure all cables are connected properly before turning on the machine.
- Unplug it when cleaning or not using for a long time.
- Please use the special power adapter of this product, and use it within the power range marked by the adapter.
- Working temperature: 0 ~ 40 °C, working humidity: 5 ~ 85% RH (non-condensing).

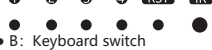
## Operation method

1. Connect the signal source and display device correctly, and operate the keyboard and mouse according to the connection diagram;
2. Switching mode: panel key switching, keyboard hot key switching, infrared remote control switching, RS232 code switching.

## Switching method

- A: key switch

Press the button on the panel to switch to the corresponding host.



- B: Keyboard switch

Keyboard hotkey switch: Double-click the keyboard hotkey, such as the right [Ctrl] key (default when power on), Then press the corresponding number keys 1 .... 4 on the keyboard, and finally press the Enter key, which is the [Enter] key.



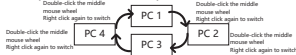
- C: Mouse switch

2-port KVM mouse switching method: Double-click the middle wheel of the mouse to cycle through as shown in the figure, (Completed in 2 seconds)



- D: 4-port KVM mouse switching method

When you double-click the middle wheel of the mouse and then press the right mouse button, the port switches to the next port. When you double-click the middle mouse wheel and then press the left mouse button, the port switches to the previous port. Picture (operation time completed in 2.5 seconds)



## Change shortcut mode

- a: Double-click on the right side of the keyboard Ctrl + click on the right Ctrl + enter (Enter) key --- the right side of the keyboard Ctrl
- b: Double-click on the right side of the keyboard Ctrl + click on the left + enter key ---- the left side of the keyboard Ctrl
- c: Double-click on the right side of the keyboard Ctrl + click NumLock + enter key ---- for keyboard Numlock
- d: Double-click on the right side of the keyboard Ctrl + click Capslock + enter key ---- CapsLock for the keyboard
- e: Double-click on the right side of the keyboard Ctrl + click the Scoilock + enter key ---- for the keyboard ScollLock

2 :以默认是键盘右边Ctrl+数字键+enter键为例

a:连接2次键盘右边Ctrl+小键盘数字键+enter键, 可以切换到对应端口

b:连接2次键盘右边Ctrl+大键盘数字键+enter键, 可以切换到对应端口

3 : 连接2次键盘Ctrl+B键+enter键----可以关闭和开启蜂鸣器声音

4 : 连接2次键盘Ctrl+T键+enter键---可以关闭和开启跟踪功能

5 : 连接2次键盘右边Ctrl+R键+enter键---可以开启一次复位功能

6 : 连接2次键盘右边Ctrl+s键+enter键---可以关闭和开启自动扫描时间

7: 连接2次键盘右边Ctrl+s键+数字键+enter键---可以设定扫描时间

8: 按键2次键盘右边Ctrl+M键+enter键----可以关闭和开启鼠标切换功能

9:Ctrl键跟随快捷键, 如Ctrl键更改为: ScollLock或NumLock, 功能切换就变成相对应的快捷键。

## 性能参数

输出接口	HDMI高清视频接口、USB1.1/2.0鼠标键盘接口
输入接口	2/4/8路HDMI高清视频接口、2/4/8路USB方口
切换方式	按键切换、键盘热键、遥控器切换、RS232代码切换
USB键盘鼠标	USB1/2接口接键盘鼠标, USB3/4接口接U盘打印机等
自动扫描间隔	默认5秒(时间5~999 seconds可调整)
频率带宽	3.4GHz
电源	DC 12V/1A
外壳	铁壳
规格	2口:180×69×31mm 4/8口:430×110×45mm
重量	2口 KVM 0.4KG / 4口 KVM 1.2KG / 8口 KVM 1.4KG

## 配件清单

序号	名称	数量	备注
1	KVM切换器	1	
2	遥控器	1	
3	电源适配器	1	
4	用户手册	1	
5	保修卡	1	
6	机架架	2	
7	USB2.0线	2/4/8	2口配2条线, 4口配4条线, 8口配8条线。
8	HDMI线	2/4/8	2口配2条线, 4口配4条线, 8口配8条线。

## 安全使用须知

为确保设备可靠使用及人员的安全, 请在安装、使用和维护时, 请遵守以下事项:

- 请勿在下列场所使用本产品: 有灰尘、油烟、导电性尘埃、腐蚀性气体、可燃性气体的场所; 暴露于高温、结露、风雨的场合; 有振动、冲击的场合。电击、火灾、误操作也会导致产品损坏和恶化;
- 避免带电状态进行接线、插拔电缆插头, 否则容易导致电击, 或导致电路损坏;
- 安装和接线必须牢固可靠, 接触不良可能导致误操作;
- 本产品通过电源线的接地导线接地, 为避免电击, 必须将接地导线与大地相连, 在对本产品的输入端或输出端进行连接之前, 请务必将本产品正确接地;
- 必须将外部电源全部切断后, 才能进行安装、接线等操作, 否则可能引起触电或设备损坏;
- 在下列情况下, 请立即断开电源, 并与公司联系:
  1. 设备进水;
  2. 设备摔坏或机壳破裂;
  3. 设备工作异常或展示的性能已完全改变;
  4. 设备产生气味、烟雾或噪音。
- 请不要自己修理设备, 除手册中有明确指示外。

## Packing List

No.	Name	Qty	Remark
1	KVM switch	1	
2	Remote control	1	
3	Power adapter	1	
4	User manual	1	
5	Rack	2	
6	USB2.0 cable	2/4/8	2 Port with 2 lines, 4 Port with 4 lines, 8 Port with 8 lines.
7	HDMI cable	2/4/8	2 Port with 2 lines, 4 Port with 4 lines, 8 Port with 8 lines.

## The matters needing attention of installation

In order to ensure the reliable performance of the equipment and the safety of the user, please observe the following matters during the process of installation, use and maintenance.

- Please do not use this product in the following places: the place of dust, soot and electric conductivity dust, corrosive gas, combustible gas; the place exposed to high temperature, condensation, wind and rain; the occasion of vibration and impact. Electric shock, fire, wrong operation can lead to damage and deterioration to the product, either;
- Should avoid wiring and inserting cable plug in charged state, otherwise it is easy to cause the shock, or electrical damage;
- The installation and wiring should be strong and reliable, contact undesirable may lead to false action;
- This product grounds by the grounding wires. To avoid electric shocks, grounding wires and the earth must be linked together. Before the connection of input or output terminal, please make sure this product is correctly grounded;
- Only after cutting down all external power source, can install, wiring operation begin, or it may cause electric shock or equipment damage;
- Please do not dismantle the equipment, avoid damaging the internal electrical component.