

16x1 HDMI KVM Switch

HKS1601A10

This 16x1 HDMI KVM switch provides you with great flexibility in integrating cross-platform computer equipment easily. It makes you available to switch easily and reliably between any HDMI computers using one HDMI compliant display.

The 16x1 HDMI KVM switch supports USB 2.0 hub and USB 2.0 keyboard /mouse. By using USB 2.0 hub ports on the KVM, you even can attach USB drive, printer, barcode scanner or other USB devices to the KVM. Switching can be controlled through variable methods, such as the front panel source selector buttons, RS232 commands, IP commands, IR signals and hot keys on keyboard.

With EDID emulators in every input ports, keep PCs always have correct display information, prevent display settings changed while switching input ports.

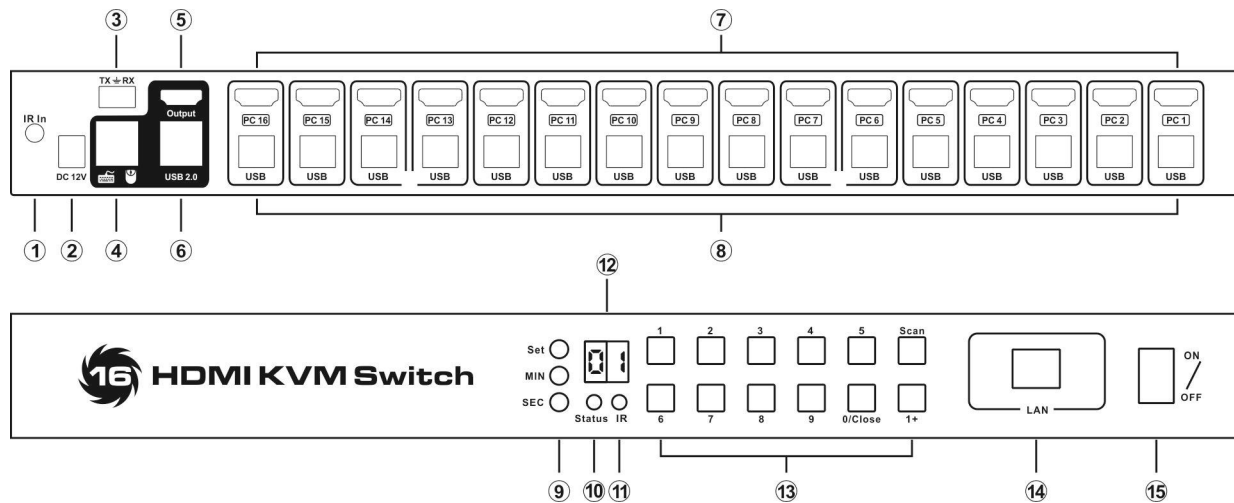
Features

- Using one USB console controls 16 HDMI computers.
- Support Unix /Windows /Debian /Ubuntu /Fedora /Mac OS X /Raspbian /Ubuntu for Raspberry Pi and other Linux based system
- With EDID emulators in every input ports, keep PCs always have correct display information
- Support hot plug, connect or disconnect devices to the KVM switch in any time and without turn off devices
- Support auto switching to monitor computers in a specified time interval
- Support front panel buttons, IR signals, keyboard hot keys, RS232 serial commands or IP commands to control KVM switch.
- Available to use keyboard without any delay after switch input sources.
- Support resolution up to 3840*2160@30Hz
- With extra standard USB 2.0 hub port, it is possible to connect bar code scanner, USB hard drive or other USB devices to KVM just as you have plug these devices directly to computer.
- Supports DVI-D single link sources and displays with the use of HDMI-to-DVI adapters.

Packing list

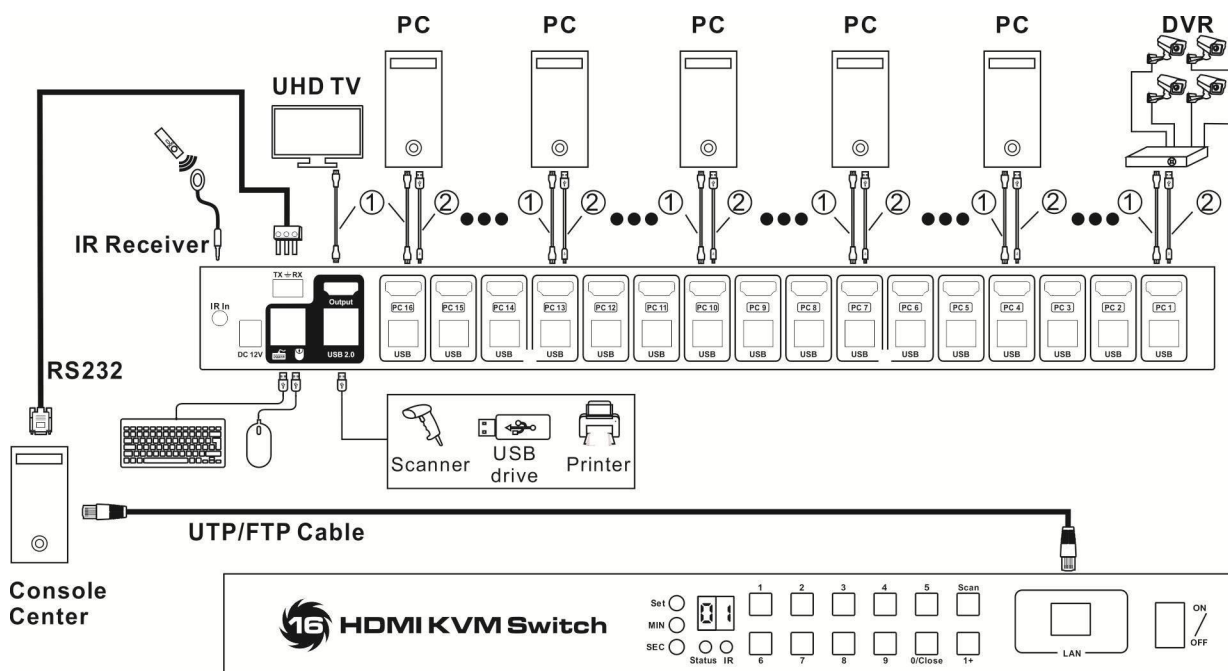
- 1 * 16x1 HDMI KVM Switch
- 1 * DC 12V 2A Power Adapter
- 1 * IR Remote Control
- 1 * IR Receiver Cable
- 1 * 3 Pins Connector (For RS232)
- 2 * Rack-ears
- 1 * Quick-Start Guide

Panel descriptions



1. IR receiver extension cable input
2. DC 12V Power Adapter
3. 3 Pins jack for RS232 console
4. USB keyboard and mouse input
5. HDMI output port
6. USB 2.0 Hub ports
7. HDMI input ports
8. USB data (Connected to PCs)
9. Auto scan time interval settings
 [MIN]: Press button [MIN] to loop between 0~59 minutes.
 [SEC]: Press button [SEC] to loop between 0~59 seconds.
 [Set]: After setting minutes and seconds by buttons [MIN] and [SEC], press button [Set] to enter final scan time interval setting.
10. Status indicator:
 Green LED: Normal status
 Red LED: Auto scanning mode
11. IR receiver
12. LED display: display current selected input source
13. Keypad:
 [1~9]: Press these buttons to directly select input 1~9 sources.
 [0/Close]: Press this button directly will turn on or turn off the display out; Press [1+] then [0/Close] to select input 10
 [Scan]: Press this button to start or stop automatically scan between input 1 to input 16. The interval time can be set by buttons [Set], [MIN], [SEC] as described above.
14. LAN: TCP/IP console interface
15. Power switch: Turn on or off the power.

Connection diagram



Note: ① HDMI cable
② USB type A to type B cable.

Specification

HKS1601A10	16x1 HDMI KVM Switch	
Functionality:		
Auto Scan	Yes	
Port selection	Front panel buttons	Yes
	Keyboard hotkeys	Yes
	IR remote control	Yes
	Console commands	RS232 / IP
Technical:		
Max. Resolution	3840x2160@30Hz	
Auto to get EDID	Yes	
Data rate	10.2 Gbps	
Auto scan interval	5~3600 Seconds	
Beep Sound	On/Off	
OSD	No	
Supported OS	Unix/Windows/Debian /Ubuntu /Fedora /Mac OS X/ Raspbian /Ubuntu for Raspberry Pi and other Linux based system	
Console ports	Keyboard emulation	1 * USB Type A
	Mouse emulation	1 * USB Type A
	USB 2.0 Hub ports	2 * USB Type A
	Video /Audio	1 * HDMI Type A
	RS232	3 Pins jack
	LAN (TCP/IP)	1 * RJ45
	IR extension input	1 * AUX
System ports	USB Data	16 * USB Type B
	Video / Audio	16 * HDMI Type A
ESD protection	Human body model - ±8kV (Air-gap discharge)	
Mechanical:		
Chasing material	Metal	
Product Dimensions	440 (L) x 150 (W) x 44.5 (H) mm	
Item Weight	1800g	