

16x1 HDMI Switch 4K@60Hz 4:4:4

HSW1601A1U

The 16 ports HDMI switch HSW1601A1U, allows up to 16 Ultra HD sources to be routed to one Ultra HD display. Support resolutions up to 4K@60Hz. Support multiple control methods, front panel buttons, IR signals, RS232 serial commands or IP commands. With EDID emulators in each input port, keep PCs always having correct display information, prevent display settings changed while switching input ports.

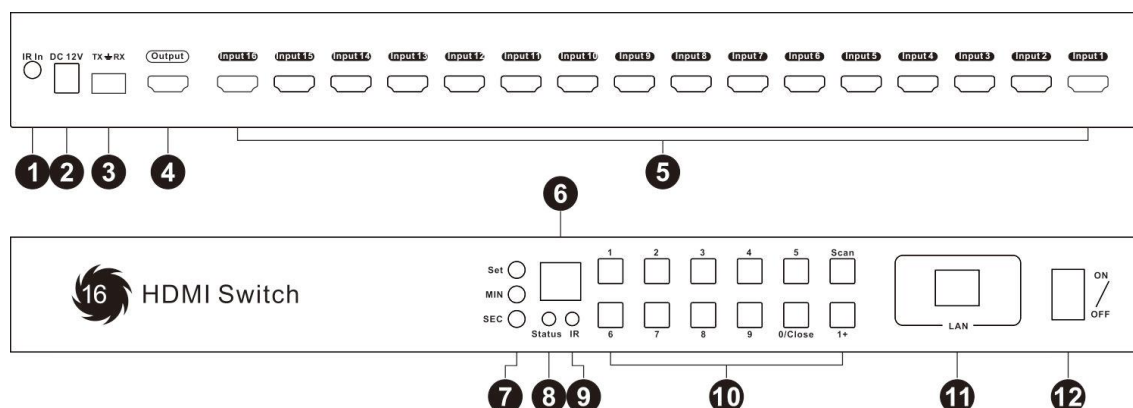
Features

- With EDID emulators in each input port, keep PCs always having correct display information
- Support hot plug, connect or disconnect devices to the HDMI 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, RS232 serial commands or IP commands to control HDMI switch
- Support resolution up to 3840*2160@60Hz
- Support DVI-D single link sources and displays with the use of HDMI-to-DVI adapters

Packing list

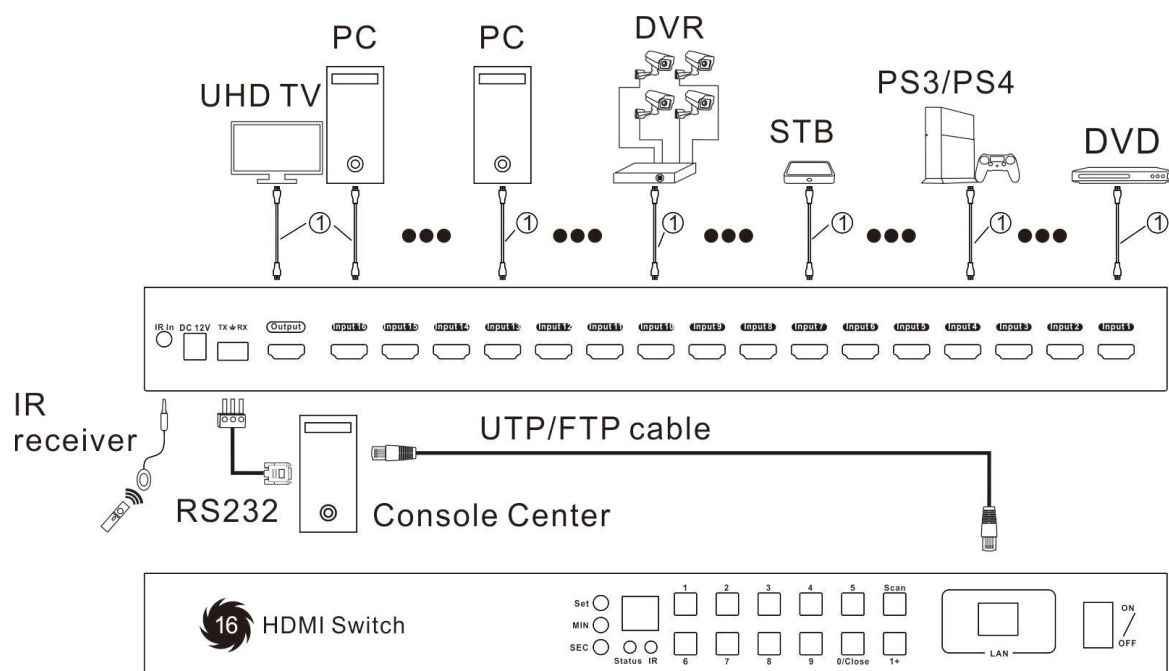
- 1 * 16x1 HDMI Switch
- 1 * DC 12V 2A Power Adapter
- 1 * IR Remote Control
- 1 * IR Receiver Cable
- 1 * 3 Pins Connector(For RS232)
- 2 * Rack-ears
- 1 * User's Manual

Panel descriptions



ID	Name	Description
1	IR in	Connect IR receiver extension cable to this port, then it is able to use IR control even the KV switch is installed in a rack
2	DC 12V	12V DC power supply
3	RS232 port	Connect this port to any control termination, then it is able to select the input sources by sending RS232 commands
4	HDMI output	Connect to HDMI display
5	HDMI input	Connect to HDMI sources
6	LED display	Display current selected input port
7	Auto scan time interval settings	[MIN]: Press [MIN] to loop between 0~59 minutes [SEC]: Press [SEC] to loop between 0~59 seconds [Set]: After setting minutes and seconds, press button [Set] to enter final scan time interval setting
8	Status LED	Red: Turn off auto scanning mode Green: Turn on auto scanning mode
9	IR receiver	Receive IR signal
10	Keypad	1-9: Press these buttons to directly select input 1-9 [0/Close]: Press this button directly will turn on or turn off the LED display and monitor [1+]: Press [1+], then [0/Close], [1]-[6] within 2 seconds to select input 10-16 [Scan]: Press this button to start or stop automatically scan between input 1 to input 16, the interval time can be set by button [Set], [MIN], [SEC] as described above
11	LAN port	By connecting to the LAN through this port, you can use the terminal device in the same LAN to send TCP/IP commands to control the switching of input port
12	Power switch	Turn on or off power supply

Connection diagram



Note: ① HDMI cable

Specification

HSW1601A1U	16x1 HDMI Switch	
Functionality:		
Auto Scan	Yes	
Port selection	Front panel buttons	Yes
	Keyboard hotkeys	No
	IR remote control	Yes
	Console commands	RS232 / IP
Technical:		
Max. Resolution	3840x2160@60Hz	
Auto to get EDID	Yes	
Data rate	18 Gbps	
Auto scan interval	5~3600 Seconds	
Beep Sound	On/Off	
OSD	No	
Console ports	RS232	1 * 3 Pins jack
	LAN (TCP/IP)	1 * RJ45
	IR extension input	1 * AUX
Input	16 * HDMI Type A	
Output	1 * HDMI Type A	
ESD protection	Human body model - ±8kV (Air-gap discharge)	
Mechanical:		
Chasing material	Metal	
Product	Dimension	440 (L) x 150 (W) x 44.5 (H) mm
	Weight	1715g
Item	Dimension	488 (L) x 123 (W) x 186 (H) mm
	Weight	2305g
Carton	Dimension	505 (L) x 280 (W) x 395 (H) mm
	Quantity	4pcs
	Total Weight	9.97kg