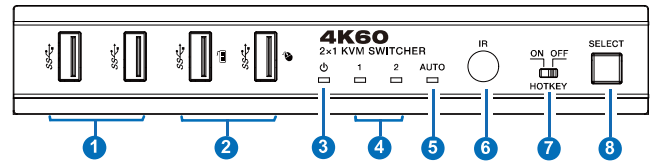




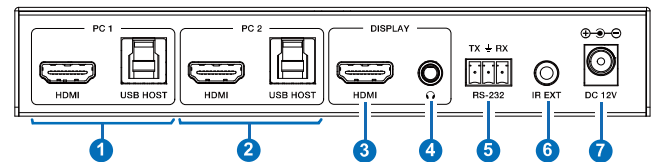
## KEY FEATURES:

- Compliant with HDCP 2.3
- Video resolution up to 4K@60Hz RGB/YCBCR 4:4:4
- Support auto switching
- HDMI 18Gbps bandwidth and USB 3.0 up to 5Gbps
- Support HDR, HDR10, HDR10+, Dolby vision passthrough
- USB 3.0 ports to share USB 3.0 peripherals
- Flexible control via front panel, IR remote control and Hotkey

## Operation Controls and Functions



No.	Name	Function Description
1	USB 3.0 ports	USB 3.2 Gen 1 device ports, connected to USB 3.0 flash disk, camera, printer etc.
2	USB 3.0 ports (with hotkey mode)	<ul style="list-style-type: none"> <li>▪ When Hotkey switch to OFF mode, these two ports support USB 3.2 Gen 1 device.</li> <li>▪ When Hotkey switch to ON mode, these two ports support USB 1.1 mouse and keyboard only.</li> </ul>
3	Power LED	The Power LED will light in green when the product is working, and red when the product is on standby.
4	Input channel LED 1/2	When the HDMI input port 1/2 is selected as the signal input channel, the corresponding LED 1/2 will light in green.
5	AUTO LED	When the auto switching function is enabled, the AUTO LED will light in green, otherwise it will light off.
6	IR Window	IR signal receiving window.
7	HOTKEY switch	Use the switch to enable/disable the hotkey switching mode. <ul style="list-style-type: none"> <li>▪ Switch to "ON": The connected keyboard and mouse support hotkey switching mode.</li> <li>▪ Switch to "OFF": The connected keyboard and mouse don't support hotkey switching mode.</li> </ul>
8	SELECT button	Press the button to switch the input channel.



No.	Name	Function Description
1	PC 1 ports	<b>HDMI:</b> HDMI signal input port, connected to HDMI source device such as PC with HDMI cable. <b>USB HOST:</b> USB Host port, connected to PC 1. It can be used for firmware upgrade.
2	PC 2 ports	<b>HDMI:</b> HDMI signal input port, connected to HDMI source device such as PC with HDMI cable. <b>USB HOST:</b> USB Host port, connected to PC 2.
3	DISPLAY HDMI port	HDMI signal output port, connected to HDMI display device such as TV or Monitor with HDMI cable.
4	L/R audio port	3.5mm analog audio output port.
5	RS-232 port	3-pin phoenix connector, connected to a PC or control system for serial port upgrade.
6	IR EXT port	IR signal receiving port, connected with 38KHz IR Receiver cable. If the IR signal receiving window of the unit is blocked or the unit is installed in a closed area out of infrared line of sight, the IR receiver cable can be inserted to the "IR EXT" port to receive the IR remote signal.
7	DC 12V	DC 12V/1A power input port.

Technical		
HDMI Compliance	HDMI 2.0	
HDCP Compliance	HDCP 2.3	
Video Bandwidth	18Gbps	
Audio Latency	No Latency	
Video Latency	No Latency	
Video Resolution	Up to 4K@60Hz, 2K@60Hz/144Hz	
IR Level	5Vp-p	
IR Frequency	Fixed frequency 38KHz	
Color Space	RGB, YCbCr 4:4:4, YCbCr 4:2:2, YCbCr 4:2:0	
Color Depth	8/10/12bit	
HDR	HDR, HDR10, HDR10+, Dolby Vision, HLG	
CEC	Support	
Audio Formats	<b>HDMI IN/OUT:</b> LPCM, Dolby Digital/Plus/EX, Dolby True HD, Dolby Atmos, DTS, DTS-EX, DTS-96/24, DTS High Res, DTS-HD Master Audio, DTS:X, DSD <b>L/R OUT:</b> PCM 2.0CH	
ESD Protection	IEC 61000-4-2: ±8kV (Air-gap discharge), ±4kV (Contact discharge)	
Connection		
Input ports	2 x HDMI input [Type A, 19-pin female]	
Output ports	1 x HDMI output [Type A, 19-pin female] 1 x L/R audio output [3.5mm Stereo Mini-jack]	
Control ports	1 x RS-232 [3pin-3.81mm phoenix connector] 1 x IR EXT [3.5mm Stereo Mini-jack] 2 x USB HOST [USB Type B] 4 x USB DEVICES [USB Type A]	
Mechanical		
Housing	Metal Enclosure	
Color	Black	
Dimensions	175mm [W] x 100mm [D] x 30mm [H]	
Weight	506g	
Power Supply	Input: AC 100 - 240V 50/60Hz Output: DC 12V/1A (US/EU standard, CE/FCC/UL certified)	
Power Consumption	Typical value: 5.16W Standby mode: 0.6W	
Operating Temperature	32 - 104°F / 0 - 40°C	
Storage Temperature	-4 - 140°F / -20 - 60°C	
Relative Humidity	20 - 90% RH (no-condensing)	
Recommended HDMI Cable		
<b>Video Resolution</b>	4K60 4:4:4	1080P 4:4:4
<b>HDMI Cable Type</b>	HDMI cable	HDMI cable
<b>HDMI Cable Length (HDMI IN / OUT)</b>	5m/16ft	10m/33ft
The use of "Premium High Speed HDMI" cable is highly recommended.		

## Application Diagram

