



## 2 Port 4K60 HDMI/USB-C KVM Switcher

This is a 2x1 HDMI/USB-C KVM Switcher with hotkey switching. It supports resolutions up to 4K@60Hz 4:4:4 8bit and can also transmit USB 3.0 signal up to 5Gbps for KVM function.

Input supports 1x HDMI port, and 1x USB-C port with an USB-C charging port which can supply power to the USB-C device. The switcher features virtual interaction function, so that it can automatically wake up the connected PC that is in standby mode, which can reduce the switching time. It also supports direct switching through buttons on the front panel, IR remote, and hotkey through keyboard/mouse connected to the special USB port. It provides a wide compatibility choice for different operating systems, such as Windows, Mac OS and Linux, no driver required and simple plug and play.

### Feature Highlights

- HDCP 2.3 and DP 1.4 compliant
- Support Ultra-wide Screen, resolution up to 4K@60Hz, 2K@60Hz/144Hz as specified in HDMI 2.0
- HDR, HDR10, HDR10+, Dolby Vision, HLG pass-through
- Using only 1 set of keyboard, mouse and monitor to control 2 computers
- Support video fast switching, and keyboard/mouse seamless switching
- Each input port has an EDID emulator to provide the correct information for the PC
- Support hot plug, disconnect or connect devices to the KVM at any time
- Switching via front panel buttons, keyboard/mouse hotkeys, IR remote control, and RS-232 commands
- Support auto switching
- Input supports 1x HDMI port and 1x USB-C port
- With USB-C charging port, supporting PD3.0 charging 100W
- Advanced hardware/software design and production ensure zero latency
- The integrated USB 3.0 ports allow you to share USB peripherals like printer, scanner, webcam and hard disk between computers with data transfer rate up to 5Gbp/s
- Compact design for easy and flexible installation

## TECHNICAL

HDMI Compliance	HDMI 2.0
HDCP Compliance	HDCP 2.3
DP Compliance	DP 1.4
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
CEC	Support
HDR	HDR, HDR10, HDR10+, Dolby Vision, HLG
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)

## CONNECTIONS

<b>Input:</b>	1 x HDMI input [Type A, 19-pin female] 1 x USB-C [AV signal input] 1 x USB-C [Power input]
<b>Output:</b>	1 x HDMI output [Type A, 19-pin female] 1 x L/R audio output [3.5mm Stereo Mini-jack]
<b>Control:</b>	1 x RS-232 [3pin-3.81mm phoenix connector] 1 x IR EXT [3.5mm Stereo Mini-jack] 1 x USB HOST [USB 3.0 Type B, 11-pin female] 4 x USB DEVICES [USB 3.0 Type A, 13-pin female]

## MECHANICAL

<b>Housing</b>	Metal Enclosure
<b>Color</b>	Black
<b>Dimension</b>	175mm [W] x 100mm [D] x 30mm [H]
<b>Weight</b>	505g
<b>Power Supply</b>	Input: AC 100 - 240V 50/60Hz Output: DC 12V/1A (US/EU standard, CE/FCC/UL certified)
<b>Power Consumption</b>	Typical value: 7.8W, Standby mode: 0.6W
<b>Operation Temperature</b>	32 - 104°F / 0 - 40°C
<b>Storage Temperature</b>	-4 - 140°F / -20 - 60°C
<b>Relative Humidity</b>	20~90% RH (non-condensation)

## RECOMMENDED HDMI/USB-C CABLE

VIDEO RESOLUTION	4K60 4:4:4	1080P 4:4:4
HDMI CABLE TYPE	HDMI cable	HDMI cable
HDMI CABLE LENGTH (HDMI IN/ OUT)	5m/16ft	10m/33ft
USB-C CABLE TYPE	USB-C cable	USB-C cable
USB-C CABLE LENGTH (USB-C IN)	1.5m/4.9ft	1.5m/4.9ft

The use of "Premium High Speed HDMI" cable is highly recommended.

## Classic Application Example

