

8K HDMI 4x1 Switcher

This 8K HDMI 4x1 Switcher can switch any of 4 HDMI sources to 1 HDMI display. It supports video resolution up to 8K@60Hz 4:2:0, 48Gbps video bandwidth. It is suitable for outdoor display, video conference, security monitoring, home theater and other applications. By using this HDMI 8K switcher, you are allowed to connect from four HDMI INPUT ports to four HDMI source devices via an individual HDMI cable, then connect from HDMI OUTPUT port to your external monitor (such as HDMI projector, HDMI TV or HDMI ordinary display). You can switch between four sources by pressing the switch button on the front panel of the switcher. Please pay attention that this switcher is not a bi-directional switcher, you can only use from four sources to one display (only 4 in 1 out, not 1 in 4 out). It can work well with xbox or PS5 to achieve 4K@120hz on your TVs or relative monitors.

Featured Highlights

- HDMI 2.1 and HDCP 2.3 compliant
- Support 48Gbps video bandwidth
- 8K@60Hz 4:2:0 12-bit, 8K@30Hz 4:4:4 10-bit, 4K@120Hz 4:4:4 10-bit video support
- Support HDR, HDR10, HDR10+, Dolby Vision, HLG pass through
- VRR, FVA, ALLM support
- Support HDMI audio formats: LPCM 7.1CH, Dolby TrueHD, and DTS-HD Master Audio
- 4x1 switch output, auto switch is supported
- Built-in Equalizer and Driver
- Auto EDID management
- Compact design for easy and flexible installation

TECHNICAL

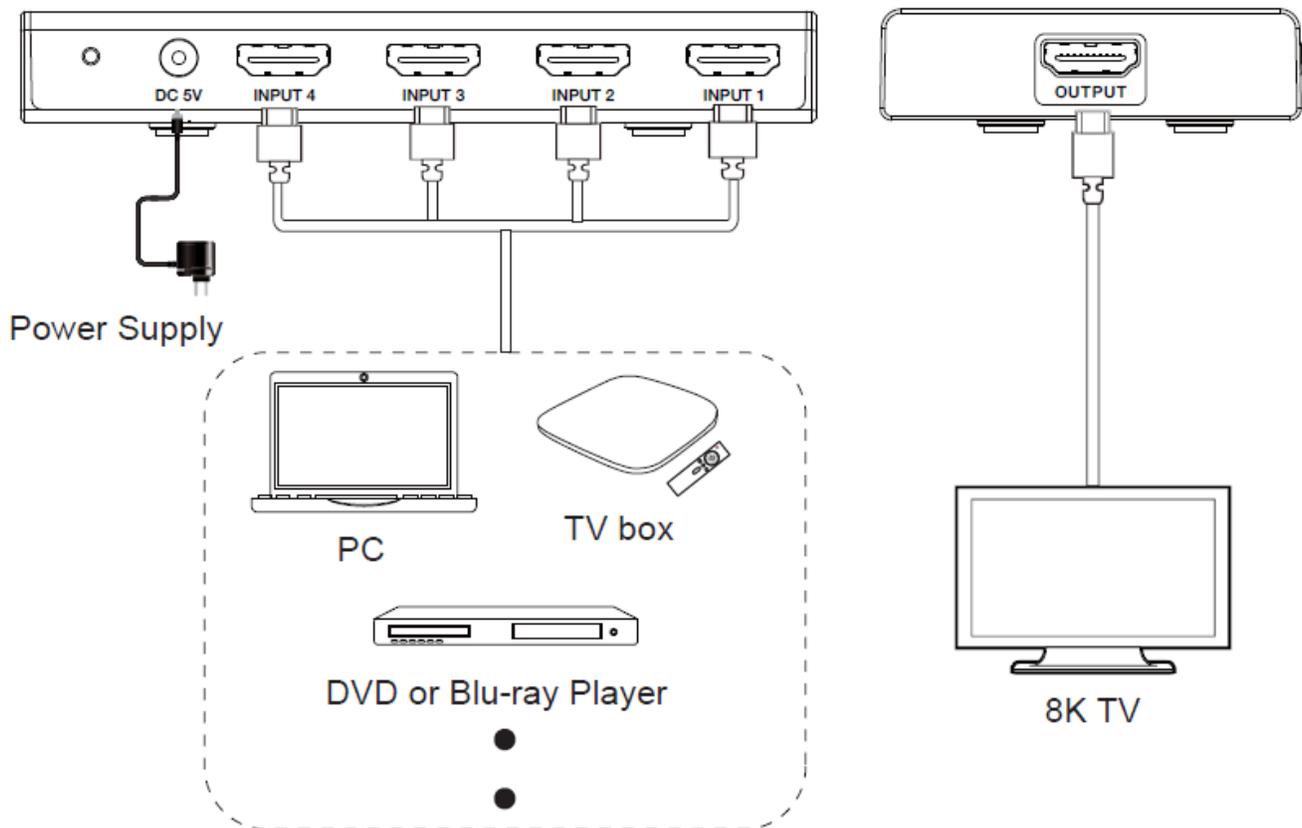
HDMI Compliance	HDMI 2.1
HDCP Compliance	HDCP 2.3
Video Bandwidth	48Gbps
Video Resolution	Up to 8K@60Hz 4:2:0 12-bit, 8K@30Hz 4:4:4 10-bit, 4K@120Hz 4:4:4 10-bit
Color Depth	8/10/12bit
Color Space	RGB, YCbCr 4:4:4 / 4:2:2 / 4:2:0
HDMI Audio Formats	LPCM, Dolby Digital/Plus/EX, Dolby True HD, DTS, DTS-EX, DTS-96/24, DTS High Res, DTS-HD Master Audio, DSD
ESD Protection	IEC 61000-4-2: ±8kV (Air-gap discharge), ±4kV (Contact discharge)

MECHANICAL

Housing	Plastic Enclosure
Color	Black
Dimensions	122mm (W) × 65mm (D) × 19mm (H)
Weight	268g
Power Supply	Input: AC100 - 240V 50/60Hz, Output: DC 5V/1A (US/EU standards, CE/FCC/UL certified)
Power Consumption	3.4W (Max)
Operation Temperature	0°C ~ 40°C / 32°F ~ 104°F
Storage Temperature	-20°C ~ 60°C / -4°F ~ 140°F
Relative Humidity	20~90% RH (non-condensing)

Connection

Input	4 x HDMI INPUT [Type A, 19-pin female]
Output	1 x HDMI OUTPUT [Type A, 19-pin female]

Classic Application Example

Applications

AV distribution system in Digital signage, Shopping malls, Video-wall, etc.