



Model Number: RKV301HDR-V3.0

3 Port 4K60HZ HDMI Switch

This 3×1 switch routes 3 different sources at resolution of up to 4K×2K@60Hz UHD to the display. The switch has 3 HDMI™ inputs, which makes this unit ideal for simultaneous connection of multiple HDMI™ device, such as TV, set top box, DVD, etc. In addition, this switch supports IR control, thus it is easy and flexible to control the input signal as you need.

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3 Port 4K60HZ HDMI Switch

Model Number: RKV301HDR-V3.0

This 3x1 HDMI Switch allows you to connect up to three HDMI source devices to a single HDMI display, with support for 4K resolution at 60Hz. It is a useful device for managing multiple HDMI sources, such as a Blu-ray player, gaming console, and streaming device, without having to constantly swap cables on your TV or monitor.



Connectivity and Indicators

The switch is equipped with three HDMI input ports and one HDMI output port, allowing you to connect multiple source devices to one display. It also features one power indicator LED and three signal indicator LEDs to show which input is currently active, providing clear visual feedback on the device's status.

Compatibility and Standards

This HDMI switch is compatible with HDMI 1.4 and HDMI 2.0 standards, ensuring broad compatibility with a wide range of devices. It also supports HDCP 1.4 and HDCP 2.2, which is essential for playing protected content from sources like Blu-ray discs and streaming services.

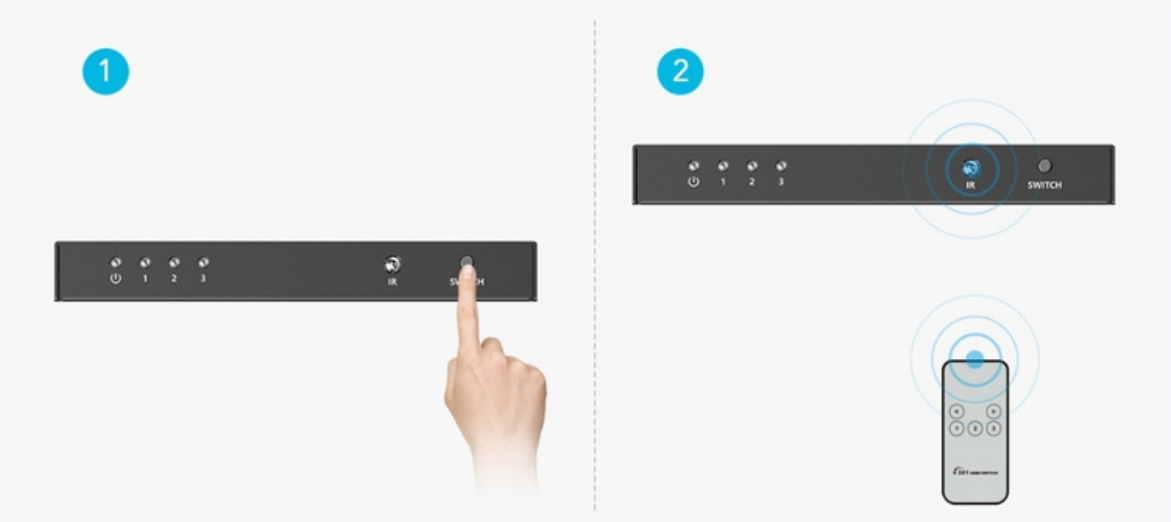
Switches easily any 3 HDMI source to 1 HDMI output



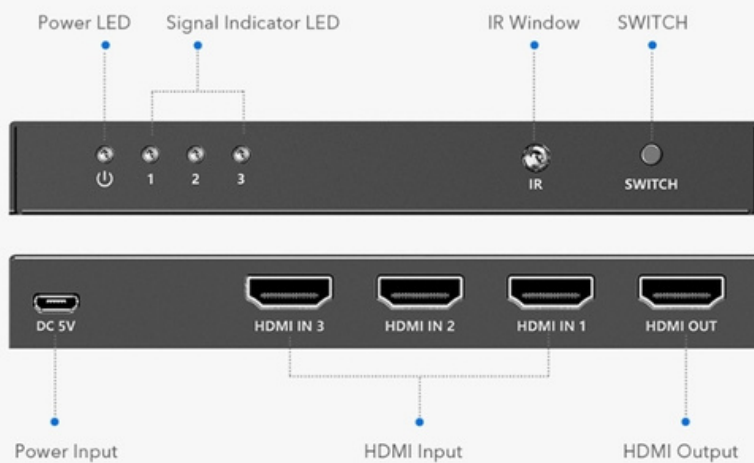
Video and Audio Support

The device supports a variety of video formats, including 12-bit full HD video, 3D video, and 4K at a 29/60Hz refresh rate with ultra HD video. For audio, it supports standard audio, DSD (Direct Stream Digital), and HD (HBR) audio, ensuring high-quality sound to accompany the high-definition video.

Two Modes Switch



I/O Ports



Plug and play, supports power-off memory



HDR and Power

This switch supports High Dynamic Range (HDR), which allows for a greater range of colors and contrast, resulting in a more vibrant and realistic image. The device is powered by a DC5V/500mA power supply and has a power consumption of less than 2.5W, making it an energy-efficient addition to your entertainment setup.

Signal and Resolution

The switch supports an I/O TMDS signal of 0.7-1.2Vp-p and an I/O DDC signal of 5Vp-p. It is capable of handling a wide range of HDMI resolutions, including 480i, 576i, 480p, 576p, 720p, 1080i, 1080p, and various 4K resolutions at different refresh rates.

Specifications Table

Specification	Value
Input ports	3 x HDMI
Output ports	1 x HDMI
Power indicator LED	1 x LED
Signal indicator LED	3 x LED
HDMI version	Compatible with HDMI 1.4, HDMI 2.0
HDCP version	Compatible with HDCP 1.4, HDCP 2.2
Video format supported	Support 12 bit full HD video, 3D video and 4K x 2K@30/60Hz ultra HD video
I/O TMDS signal	0.7-1.2Vp-p
I/O DDC signal	5Vp-p
Audio format supported	Support standard audio and DSD Direct Stream Digital and HD(HBR) audio 480i, 480p, 576i, 576p, 720p, 1080i, 1080p, 1920x1200, 3840x2160@24/25/30/60Hz,
HDMI resolution	4096x2160@24/25/30/60Hz
HDR	Support
Working temperature	0°C-40°C
Power supply	DC5V/500mA
Power consumption	<2.5W
Dimension	158(L) x 54(W) x 16.5(H) mm
Weight	170g
Color	Black

