



RKV318HDR-V3.0

1x8 4K60HZ HDMI SPLITTER

The image describes a 1x8 HDMI splitter that takes one HDMI input and distributes the signal to eight HDMI outputs, supporting up to 4K resolution at 60 Hz for use with devices like set-top boxes, DVD/media players, laptops, DVI/HD players, and compatible 3D and 4K displays .

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1x8 4K60HZ HDMI SPLITTER

RKV318HDR-V3.0

This 1x8 HDMI splitter allows a single HDMI source to be displayed on up to eight screens at the same time, making it suitable for home theaters, offices, classrooms, and digital signage setups where one source must feed multiple TVs or monitors . It supports modern video formats including 4K at 60 Hz and 3D, ensuring smooth, high-quality visuals on all connected displays .



Key features

The splitter is compatible with HDMI 1.4 and HDMI 2.0 standards and supports HDCP 1.4 and HDCP 2.2 content protection, so it can handle most current Blu-ray players, streaming devices, and game consoles . It also supports standard audio signals and high-quality digital formats such as DSD and HBR audio, preserving sound quality across all outputs .

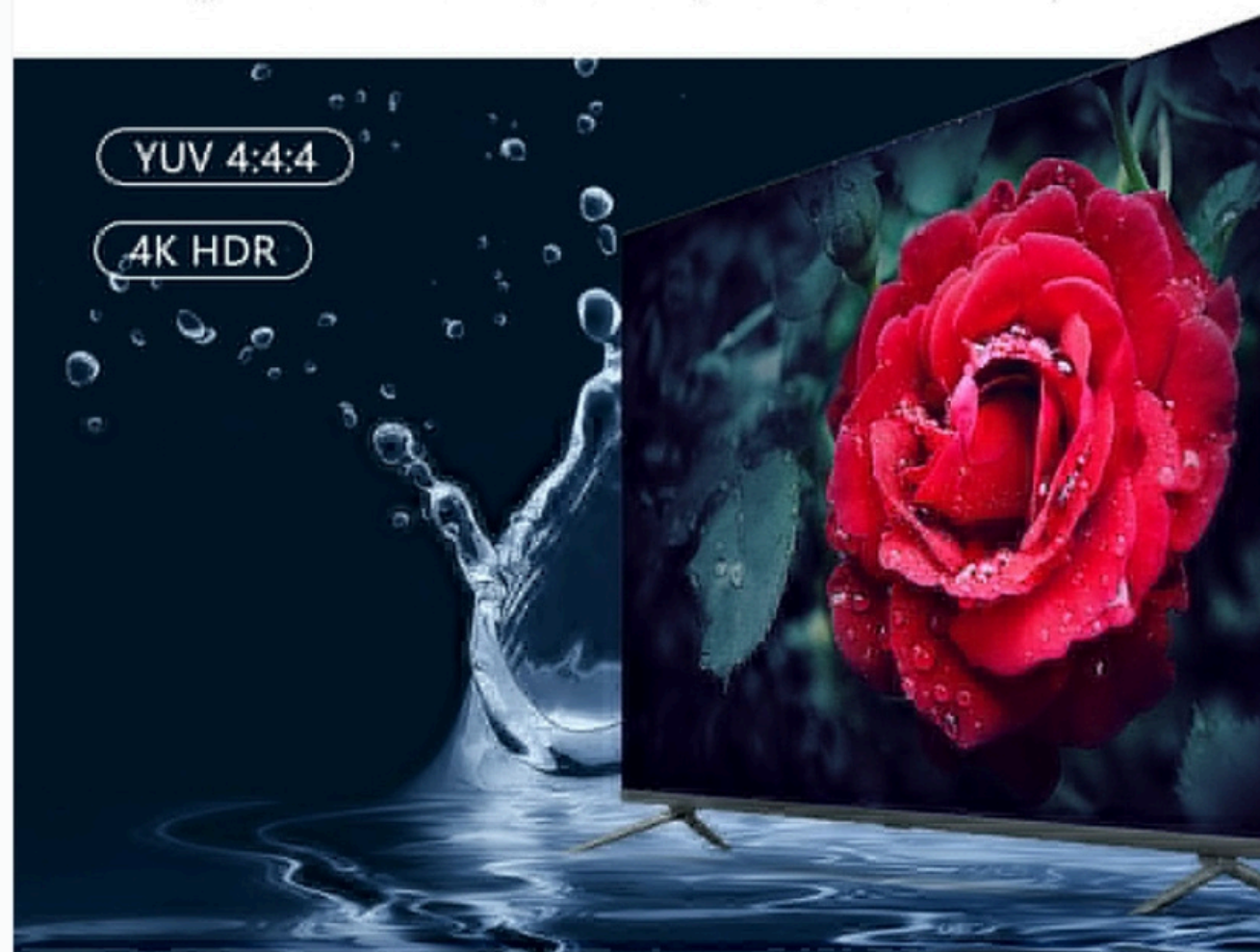
Eight Screens Synchronized Display

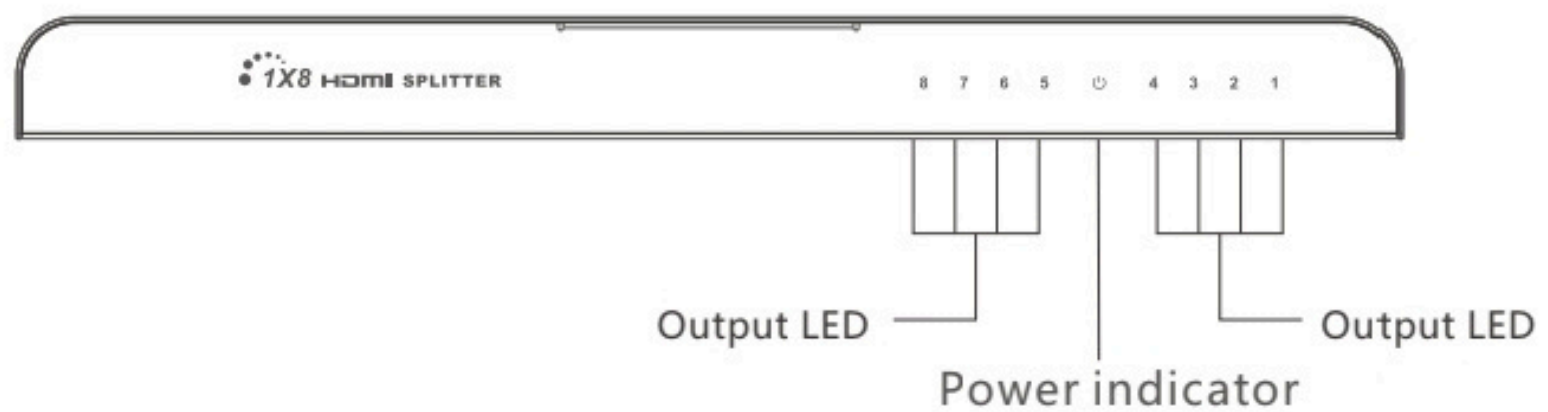
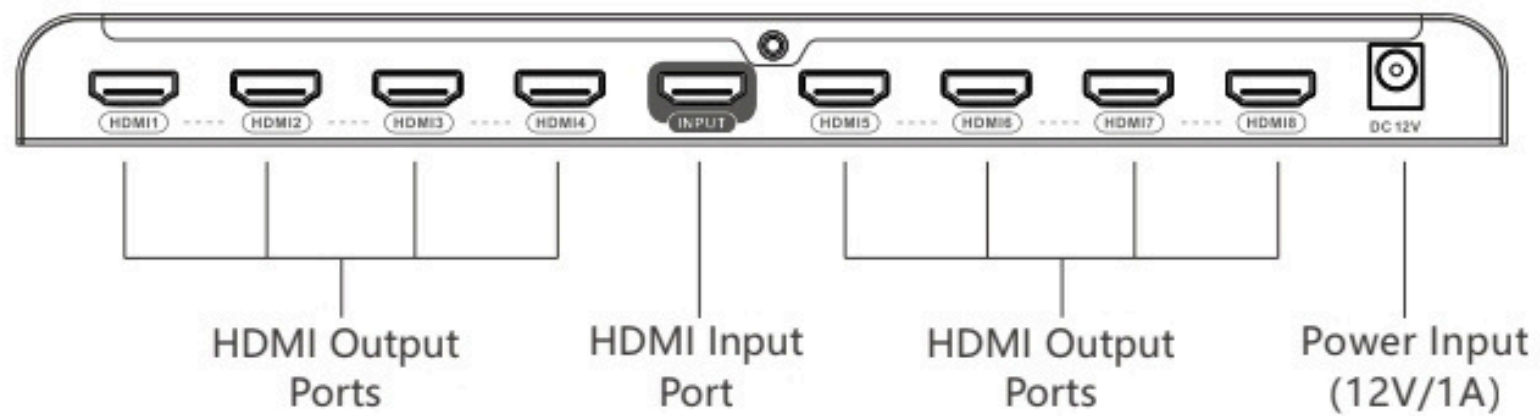
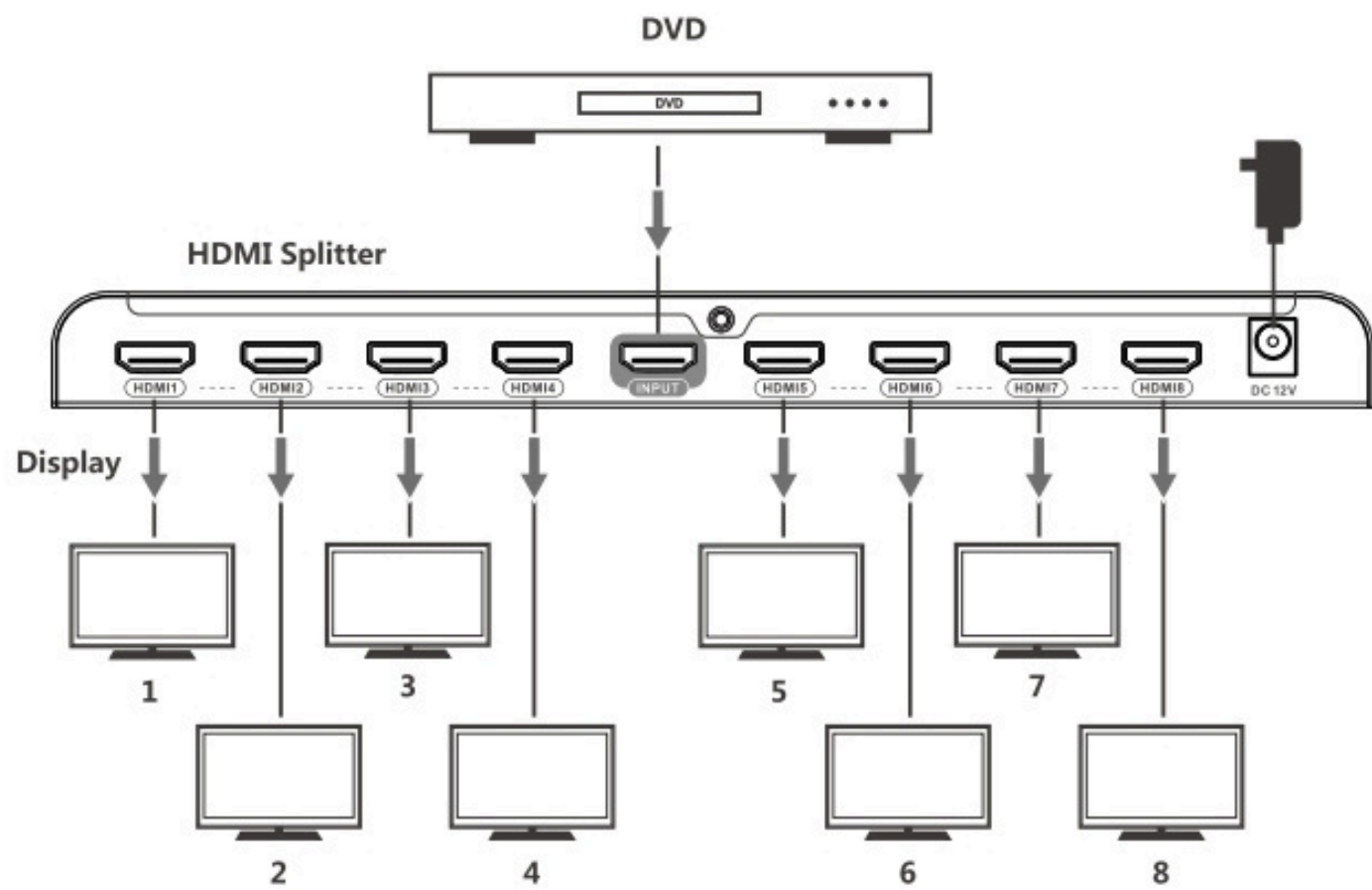
Support 1 HDMI signal input, 8 monitors or projectors for simultaneous display, ultra-high-definition visual experience.



4K60Hz HDR UHD Picture Quality

Support 4K Ultra HD resolution, rich color reproduction, vivid and delicate picture.





Ports and indicators

The device provides 1 HDMI input port and 8 HDMI output ports, letting one source drive eight separate displays simultaneously . There is 1 power indicator LED and 8 signal indicator LEDs, so users can quickly see power status and which output ports are active .

Video and signal specifications

Supported resolutions range from SD up through 480i/480p, 576i/576p, 720p, 1080i, and 1080p, up to 4K×2K at 24/25/30/60 Hz, covering nearly all common HDTV and UHD formats . The frequency range is specified as 25 MHz to 600 MHz with an input and output TMDS signal level of 0.7–1.5 Vp-p, and the unit supports 3D video, 4K×2K 60 Hz ultra HD, and HDR content .

Control, power, and physical details

The splitter supports a 5 Vp-p TTL DDC signal for EDID and related HDMI control data, helping displays and the source negotiate correct video modes automatically . It operates from 0 °C to 60 °C ambient temperature, uses a 12 V/1 A power supply with power consumption under 8 W, and has dimensions of approximately 262 mm (L) × 81.6 mm (W) × 23.5 mm (H), a weight of about 453 g, and a black color finish .

Application scenarios

This 1×8 HDMI splitter is ideal for environments where a single HDMI source must be shown on many displays at once, such as showrooms, sports bars, training rooms, and control centers . It also fits home theater or gaming setups where the same 4K60 signal needs to be mirrored to multiple TVs or projectors without loss of quality, HDR support, or audio performance .

Specifications

- Product type: 1×8 HDMI Splitter, supports 4K@60 Hz video .
- Input ports: 1 × HDMI .
- Output ports: 8 × HDMI .
- Power indicator: 1 × LED .
- Signal indicators: 8 × LED .
- HDMI version: Compatible with HDMI 1.4 and HDMI 2.0 .
- HDCP version: Compatible with HDCP 1.4 and HDCP 2.2 .
- Supported resolutions: 480i, 480p, 576i, 576p, 720p, 1080i, 1080p, 4K×2K at 24/25/30/60 Hz .
- Frequency range: 25 MHz to 600 MHz .
- Video format: Supports 3D video and 4K×2K@30/60 Hz ultra HD video .
- TMDS signal level (input/output): 0.7–1.5 Vp-p (TMDS) .
- DDC signal level (input/output): 5 Vp-p (TTL) .
- Audio support: Standard audio, DSD (Direct Stream Digital), and HD (HBR) audio .
- HDR: Supported .
- Working temperature: 0 °C to 60 °C .
- Power supply: 12 V / 1 A .
- Power consumption: Less than 8 W .
- Dimensions: 262 mm (L) × 81.6 mm (W) × 23.5 mm (H) .
- Weight: 453 g .
- Color: Black .

