

# LKV314PRO

## 1 x 4 HDMI Splitter 4K x 2K

This product distributes 1 way HDMI signal from STB, DVD, Blu-ray players or PS3 etc. to 4 ways HDMI signal to connect to projector, DLP, LCD or other HD displays simultaneously.

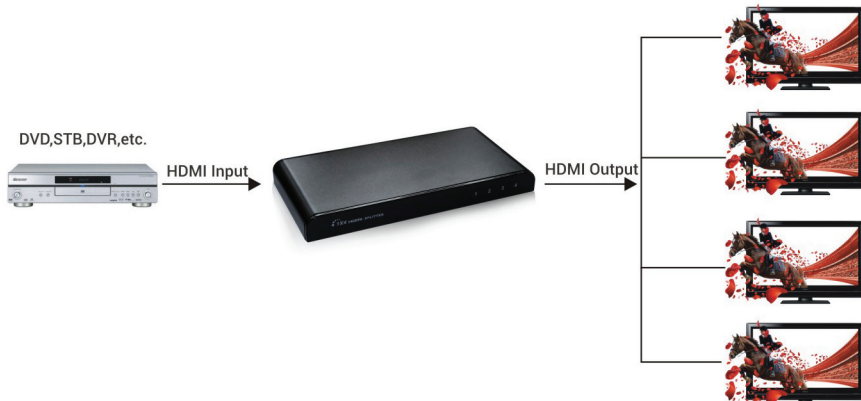


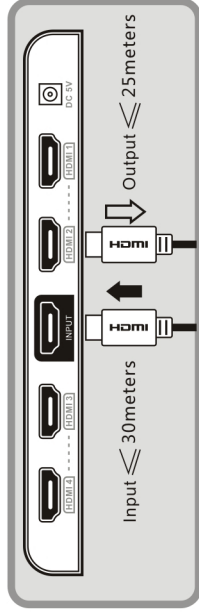
### Features



- HDMI splitter function:** it can distribute 1 HDMI source to 4 HDMI displays simultaneously;
- HDMI splitter + extender:** Max distance this device supported is 30 meters for input and 25 meters for output;
- 3D support:** if both HDMI source and HDMI displays support 3D, this splitter can detect the EDID automatically and support 3D output.
- CEC support;
- Support ultra-HD resolution 4K x 2K.
- HDMI resolution supported:** 480i/480P/576i/576P/720P/1080i/1080P(50HZ; 60HZ); 1080P / 24HZ 3D, 720P/50HZ 3D, 720P /60HZ 3D, 4K X 2K

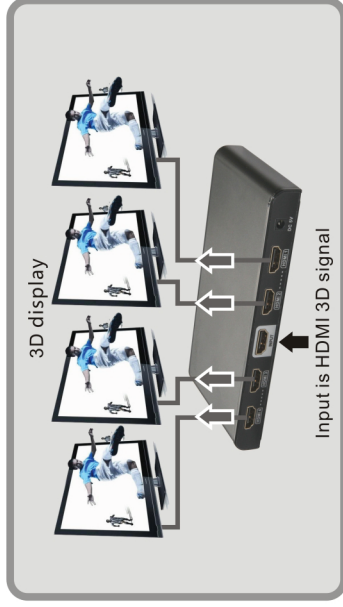
### Connection drawing





### 3) 3D support

If HDMI video source and all the HDMI displays support 3D signal, this splitter can detect the EDID automatically and support 3D output.



### 4) CEC support

To realize this function, both the input and output device must support CEC (refer to the device manufacturer's specification). After connection, every remote control of the connected devices can control all of the connected devices.

### 5) 4K\*2K support

This splitter can support the resolution up to 4K\*2K., when both the input and output devices support 4K\*2K, the output resolution can reach 4K\*2K.

**Note:** To reach 4K\*2K, all connected HDMI cables must be shorter than 5 meters.

### 5. Trouble shooting

**Q:** No image output

- A:**
- 1) Please check and make sure all the connection is correct and working status LED is blue.
  - 2) Please check the input and output HDMI cable and make sure they are well connected.
  - 3) Please make sure the HDMI video source device output channel is HDMI.
  - 4) Please make sure the HDMI display input channel is HDMI.
  - 5) Please adjust the EXTENDER switch according to the length of HDMI cables.
  - 6) Please change the input or output HDMI cable.
  - 7) Please unplug and plug the power adapter and re-power the splitter.

### 6. Specifications

Item	Description
HDMI Splitter	Distribute 1 HDMI source to 4 HDMI displays simultaneously
HDMI Extender	Extend HDMI signal up to 30 meters for input and 25 meters for output
HDMI Resolution	Up to 4K X 2K and support full 3D format
Energy-Saving	With energy-saving technology, power consumption is as low as 1W
Power supply mode	Power adaptor 5V/1A
Voltage	DC 5V
Consumption	<5W

HDMI Input	HDCP Compliance	Yes
	HDMI Resolution support	480i@60Hz, 480p@60Hz, 576i@50Hz, 576p@50Hz, 720p@50/60Hz, 1080i@50/60Hz, 1080p@50/60Hz, 1080p@24Hz 3D, 720p@50/60Hz 3D, 4K X 2K
	HDMI graphic resolution support	640x480@60Hz, 800x600@60Hz, 1024x768@60Hz, 1280x720@60Hz, 1280x768@60Hz, 1280x960@60Hz, 1280x1024@60Hz, 1360x768@60Hz, 1366x768@60Hz, 1400x1050@60Hz, 1440x900@60Hz, 1600x900@60Hz, 1680x1050@60Hz, 1920x1080@60Hz
	Color format support	24-bits /Deep color 30 bits/ Deep color 36-bits
	Max. Data rate	10.2Gbps
	TMDS signal	0.5~1.5Vp-p(TMDS)
	DDC signal	5Vp-p(TTL)
	The length for HDMI cable	<=30m(AWG26 standard HDMI cable)
	HDCP Compliance	Yes
	HDMI Resolution support	480i@60Hz, 480p@60Hz, 576i@50Hz, 576p@50Hz, 720p@50/60Hz, 1080i@50/60Hz, 1080p@50/60Hz, 1080p@24Hz 3D, 720p@50/60Hz 3D, 4K X 2K
HDMI Output	Color format support	24-bits /Deep color 30 bits/ Deep color 36-bits
	Max. Data rate	10.2Gbps
	TMDS signal	0.5~1.5Vp-p(TMDS)
	DDC signal	5Vp-p(TTL)
	The length for HDMI cable	<=25m(AWG26 standard HDMI cable)

Protection Type	ESD protection	1a Socketed discharge Level 3 1b Air discharge Level 3 Executive standard: IEC61000-4-2
Operating Environment	Operation Temperature	-10~55°C
	Storage Temperature	-20~70°C
	Relative Humidity (non-condensing)	0~95%
Product	Dimension (LxWxH)	156mmx79mmx17mm
	Material	Aluminum alloy
	Color	Black
Reliability (MTBF)	Weight	205g
		>30000 hours

#### Disclaimer

The product name and brand name may be registered trademark of related manufacturers. TM and ® may be omitted on the user manual. The pictures on the user manual are just for reference, and there may be some slight difference with the real products.

We reserve the rights to make changes without further notice to a product or system described herein to improve reliability, function or design.