

# EKL-UH02

1 In 2 Out HDMI Splitter



## Smart chip

Imported chips from abroad, to escort the signal transmission, efficient and stable, clear picture quality



## 4K \* 2K @ 60Hz resolution

Comply with UHD standard, support HDCP2.2 protocol, 4K2K @ 60Hz, 3D visual effects, audio and video synchronization



## Synchronization of the pictures displayed by the two monitors

One HDMI high-definition signal input and two HDMI high-definition signals output at the same time



Output



Input

## Support resolution 3840 \* 2160 @ 60Hz 4: 4: 4

When the video format is 4K \* 2K @ 60Hz, AWG26HDMI standard cable is used, and both input and output support 5 meters; At 1080P and below resolutions, use AWG26HDMI standard cable, input support 10 meters, output support 15 meters.



Output 15 meters

Output 15 meters



signal input

Support to allocate 1 signal source into 2 channels of 4K \* 2K @ 60Hz signals for simultaneous output; Or one channel signal source can be allocated to one channel 4K \* 2K @ 60Hz signal and one channel 1080P @ 60Hz signal to output at the same time.

## Watch 3D blockbusters and enjoy the cinematic effect

High-definition technology, support 3D blockbuster screening, support 4K HD resolution, At home, you can enjoy a realistic audio-visual feast.



## Smart chip

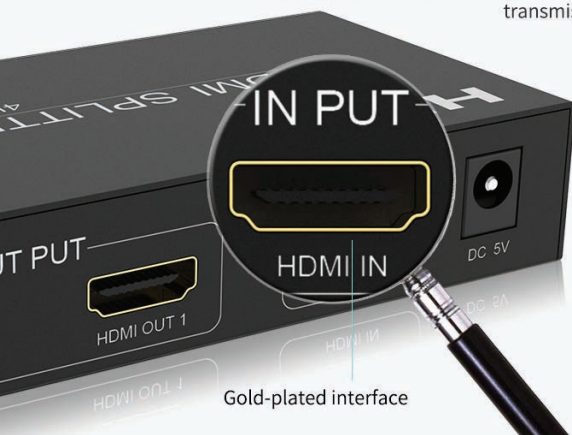
Imported chips from abroad, to escort the signal transmission, efficient and stable, clear picture quality



## Gold-plated interface

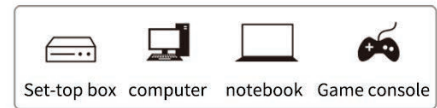
More resistant to plugging and more stable performance

Gold-plated HDMI interface, shielding interference, anti-corrosion, Reduce signal loss and improve picture quality and clarity, transmission is more stable



## Compatible with standard HDMI interface devices

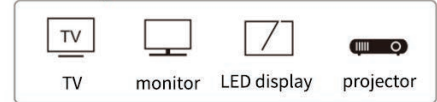
Support 1 HDMI signal input, 2 HDMI signal output, audio and video synchronization output



Input



Output



## Indicator design

Work status at a glance



## Frosted metal shell

Corrosion resistant, durable and durable

The shell is made of all-metal material, with strong heat dissipation, wear resistance and corrosion resistance

## Over-current protection

With over-current protection settings, the product is more stable and the use is more assured



Over-current protection  
5V / 1A



## Cooling hole design

### Fast heat dissipation, longer life

The design of heat dissipation holes on both sides can effectively ensure the normal heat dissipation of each interior and enhance performance



## Code switch

Code switch design, easy to switch between different resolutions

### Description of code switch

- 00 (1 on 2): EDID Compose prefers to read the resolution of 4K monitors, and is compatible with monitors with resolutions of
- 10 (1 down 2 up): EDID 4K x 2k 60Hz 2Ch gives priority to output 4K x 2k 60Hz 2Ch and is compatible with low resolution at the
- 01 (1 up 2 down): EDID 1080P 60Hz 2ch gives priority to output 1080p 60Hz 2Ch and is backward compatible with low resolu-
- 11 (1 down 2 down): EDID Copy copies the output display EDID, giving priority to reading the port 2 display.

## Application scenario

Widely used in teaching, video surveillance, multimedia and other fields  
Save you time and improve work efficiency!



## With signal buffer and amplification function

Built-in signal amplification module, Amplify the input signal



## Specifications

Brand	ekL
Model	ekL-UH02
Type	HDMI splitter
Attributes	1 in 2 out HDMI splitter
HDMI version	HDMI2.0
EDID	Yes
HDCP2.2	Yes
HDR10	Yes
Dolby Vision	Yes
Color depth	32-bit
Input interface	HDMI*1
Output Interface	HDMI*2
Maximum bandwidth	600MHz
Maximum baud rate	18Gbps
Input cable length	1080p: ≤10m ; 4k: ≤5m
Output cable length	1080p: ≤15m ; 4k: ≤5m