

# 1x8 HDMI Splitter With Extender

Model Code: LKV828P-N

1-In-8-Out extender kit integrating HDMI distribution and extension. Distributes one HDMI input to eight identical outputs, extends signals up to 70 m over CAT6/6A/7, supports 4K@60Hz resolution, IR passback, RS-232 control, HDMI loop-out, and EDID switch functions.

## Features:

- Zero latency transmission.
- Split and extend one HDMI input signal to eight identical network output signals.
- Support up to 4K@60Hz resolution.
- Transmission distance up to 70 meters by using Cat6/6A/7 cables.
- Support IR passback (20KHz~60KHz).
- The transmitter supports HDMI loop out.
- The receiver supports 3.5mm stereo output.
- Support EDID switch for setting.
- Support RS-232 command control.
- Surge Protection, Lightning Protection, ESD Protection.
- Equipped with rack-mount ears.
- Support PoC, only the transmitter is required to supply power.
- Supports stable 24/7 operation.

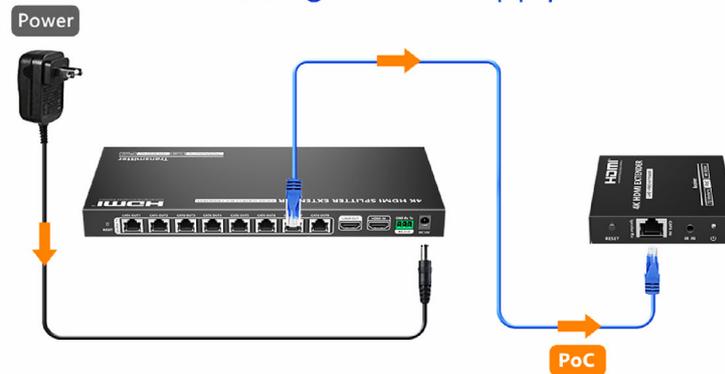


## Specifications

Transport protocol	ipcolor
Split mode	1 IN 8 OUT
Input	1 x HDMI
Output	8 x RJ45
HDMI signal	HDMI 2.0 compatible with HDCP 2.2
PoE	Support
Resolution	480i@60Hz, 480p@60Hz, 576i@50Hz, 576p@50Hz, 720p@50/60Hz, 1080i@50/60Hz, 1080p@50/60Hz, 1280x960, 1280x800, 1280x768, 1680x1050, 1360x768, 1366x768, 1600x900, 1024x768, 800x600, 3840x2160@24/25/30/50/60Hz, 4096x2160@24/25/30Hz
Transmission Distance	CAT6/6A/7≤70m
HDMI LOOP OUT	Support up to 4K@60Hz loop output
IR pass back	Support IR pass back, Support 20-60khz IR devices
EDID	Support EDID passthrough and EDID switch
RS-232	Support RS-232 command control

Protection	ESD protection, 1a Contact discharge level 2, 1b Air discharge level 3, Implementation of the standard: IEC61000-4-2, surge protection, lightning protection
Working Temperature	-20°C~60°C
Storage Temperature	-30°C~70°C
Humidity (no condensation)	0%~90%
Power supply	TX: DC12V/3A
Power consumption	TX+RX<24W
Weight	TX: 778g, RX: 145g
Material	Iron
Dimension	TX: 265.0(L) x 120.0(W) x 23.0(H) mm, RX: 85.0(L) x 75.5(W) x 16.5(H) mm

### PoC Single Power Supply



### 1 IN 8 Out

