

1x2 HDMI Splitter With Extender (EDID Control)

Model Code: LKV822P-N

1-In-2-Out 4K@60Hz HDMI Extender. Distributes 1 HDMI input signal to 2 identical outputs, extending these signals up to 70 m over CAT6/6A/7 cable. Supports 4K@60Hz resolution, IR passback, RS-232 control, and other advanced functions.

Features:

- Zero-latency transmission
- Split and extend 1 HDMI input signal to 2 identical outputs over CAT6/6A/7 cable
- Supports 4K@60Hz resolution, maximum transmission distance up to 70 m
- Supports IR passback (20 kHz~60 kHz)
- Transmitter supports HDMI loop-out
- Receiver supports S/PDIF digital audio output
- Supports EDID passthrough or manual EDID selection via EDID switch
- Surge protection, lightning protection, and ESD protection
- Equipped with rack mount ears
- PoE supported; only transmitter requires power

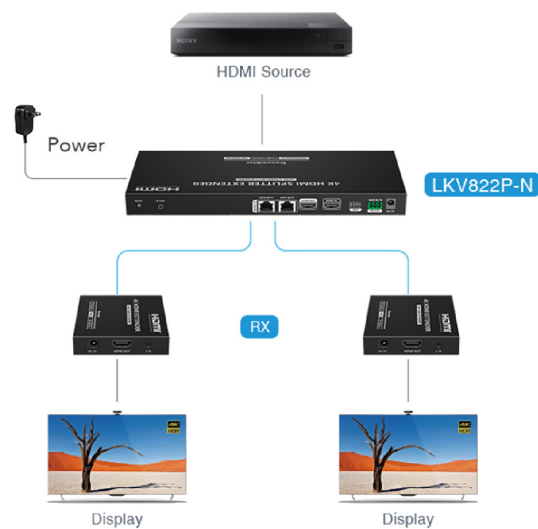


Specifications

Transport protocol	ipcolor
Split mode	1 IN 2 OUT
Input	1xHDMI
HDMI signal	HDMI 2.0 compatible with HDCP 2.2
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
Audio Formats	4K: LPCM/DTS/Dolby Digital 5.1, 1080P: LPCM/DTS/Dolby Digital 5.1/Dolby Digital plus7.1
IR pass back	Support IR pass back, Support 20-60khz IR devices
Protection	3 pin: Tx-D-RxD-GND, follows RS-232 levels
HDMI LOOP OUT	Support up to 4K@60Hz loop output
Transmission Distance	CAT6/6A/7≤70m
EDID	Support EDID passthrough and EDID switch
RS-232	Support RS-232 command control
Working Temperature	-20°C~60°C
Storage Temperature	-30°C~70°C

Humidity (no condensation)	0%~90%
Protection	ESD protection, 1a Contact discharge level 2, 1b Air discharge level 3, Implementation of the standard: IEC61000-4-2, Lightning protection, Surge protection
Power supply	TX: DC12V/3A
Power consumption	TX<13W RX<4W
Material	Iron
Colour	Black
Weight	TX: 670g RX: 145g
Dimensions (LxWxH mm)	TX: 265.0(L) x 104.0(W) x 23.0(H) mm, RX: 85.0(L) x 75.5(W) x 16.5(H)mm

1 IN 2 Out



PoC Single Power Supply

