

# HDMI Point to Point Extender

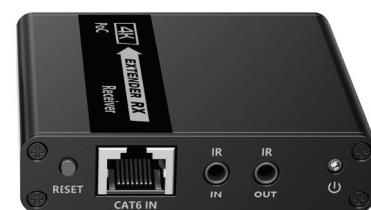
Model Code: LKV223P

HDMI Extender includes a transmitter unit and a receiver unit, allows the HDMI signal to be transmitted up to 70m using a CAT6/6A/7 network cable. It adopts a point-to-point connection configuration. Supports bi-directional IR pass-back and 3.5 mm stereo audio output.



## Features:

- Zero latency
- Support up to 4K@30Hz resolution
- Supports CAT6/6A/7 network cables, 1080p@60Hz transmission distance is up to 70 meters, 4K@30Hz transmission distance is up to 40 meters
- Support bi-directional IR pass-back function (20~60KHz)
- Support HDR10
- Support EDID passthrough
- Transmitter supports HDMI loop-out
- Receiver supports 3.5mm stereo audio output
- Lightning, Surge, and ESD Protection
- Support PoE network cable power supply, TX needs power supply



## Specifications

HDMI compliance	HDMI1.4	
HDCP compliance	HDCP1.4	
Transmission medium	CAT6/CAT6A/CAT7	
Transmission distance	1080@60Hz Transmission ≤ 70 meters; 4K@30Hz Transmission ≤ 40m	
Video bandwidth	10.2Gbps	
Video support	800x600, 1024x768, 1280x720, 1280x960, 1366x768, 1440x900, 1680x1050, 1920x1080, 480i@60Hz, 480p@60Hz, 576i@50Hz, 576p@50Hz, 720p@50/60Hz, 1080i@50/60Hz, 1080p@24/25/30/50/60Hz, 4K@24/25/30Hz	
Audio support	PCM/LPCM/DTS-HD/DTS-Audio/Dolby Digital 5.1CH/Dolby TrueHD 5.1CH	
1080P HDR10 (YUV4:4:4)	Support	
HDMI Loop-out	Support	
EDID through	Support	
Bi-directional IR passback	Support	
Input TMDS signal	0.7~1.2Vp-p	
Input DDC signal	5Vp-p	
Input	HDMI×1, DC2.1×1, 3.5mm jack ×1 (IR)	DC2.1×1, RJ45×1, 3.5mm jack ×1 (IR), 3.5mm L/R ×1
Output	HDMI×1, RJ45 ×1, 3.5mm jack ×1 (IR)	HDMI×1, RJ45×1, 3.5mm jack ×1 (IR)

HDMI connector	Type A 19 Pins, Female	
Network cable standard	CAT5E/CAT6/CAT6A/CAT7 , follow IEEE-5688 standard	
<b>Mechanical</b>	<b>Transmitter</b>	<b>Receiver</b>
Housing	Aluminium alloy material+crystal panel	
Dimensions (LxWxH mm)	80.0 (L) x 75.0 (W) x 18.0 (H) mm	
Net weight	160g	160g
Power supply	5V/2A	
Power consumption	<4W	<4W
Operation tempertaure	-20°C~60°C	
Storage temperature	-30°C~70°C	
Relative humidity	0%~90% (no condensation)	