LENKENG®

HDMI POINT TO POINT EXTENDER
Model Code: LKV565P

This is an HDMI point-to-point extender kit, it can realize zero-latency transmission. The 4K@60Hz HDMI signal can be extended by 70m through CAT6/6A/7 network cable. It supports HDMI loop out, IR pass-through, 3.5mm audio output, etc.
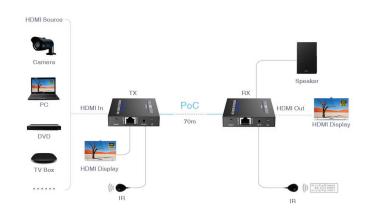
This kit is a reliable, ultra-high-definition video transmission solution, which is widely used in security monitoring, home theatre, broadcasting, training and other fields.

Features:

- Zero-latency transmission.
- Extend 4K@60Hz HDMI signal up to 70m over Cat6/6A/7 cable
- The receiver supports 3.5mm stereo output
- Support HDR10
- Support EDID passthrough & auto downscaling
- The transmitter supports HDMI loop out
- Support IR passthrough
- Lightning protection, surge protection, ESD protection.
- Support PoC Network Cable Power Supply (Only TX needs a Power Supply)

SPECIFICATIONS		
	TRANSMITTER	**RECEIVER**
VIDEO		
Input Interface	1x HDMI Type-A Female	1x RJ45 Female
Output Interface	1x HDMI Type-A Female 1x RJ45 Female	1x HDMI Type-A Female
Hdmi Length	≤5m	≤5m
Maximum Transfer Rate	18Gbps	
Maximum Transmission Bandwidth	600MHz	
Edid Pass-Through	Yes	
Compatibility	HDMI 2.0 (Deep color, 4K, HDR, YUV4:4:4)	
	HDCP 2.2	
Resolutions	720p@50/60Hz, 1080i@50/60Hz, 1080p@50/60Hz, 3840x2160@24/25/30/50/60Hz, 4096x2160@24/25Hz, 1280x960, 1280x800, 1280x768, 1680x1050, 1360x768, 1366x768, 1600x900, 1024x768, 800x600	
Transmission Distance	CAT6/6A/7 up to70m	
AUDIO		
Input Interface	1x HDMI Type-A Female	N/A
Output Interface	1x HDMI Type-A Female	1x HDMI Type-A Female 1x 3.5mm L/R Female
Audio Formats	LPCM/DTS-HD/DTS-Audio/Dolby Digital 5.1CH/Dolby Atsmos	

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COMMAND SIGNAL		
IR Interface	1x 3.5mm IR OUT, Female	1x 3.5mm IR IN, Female
Receiving Range	≤5m	
Infrared Frequency	20KHz~60KHz	
POWER		
Power Supply	DC 5V/2A	DC 5V/2A
Power Consumption	≤4W	≤4W
OPERATING ENVIRONMENT		
Working Temperature	-20°C~60°C	
Storage Temperature	-30°C~70°C	
Humidity	0~90%RH (No condensation)	
PHYSICAL PROPERTIES		
Housing	Metal	
Weight	140g	140g
Colour	Black	
Dimensions	85.0(L) x 75.5(W) x 16.5(H)mm	
Protection	ESD protection 1a Contact discharge level 2 (±4KV) 1b Air discharge level 3 (±8KV) Implementation of the standard: IEC61000-4-2	
Certifications	FCC/CE/RoHS2.0	