

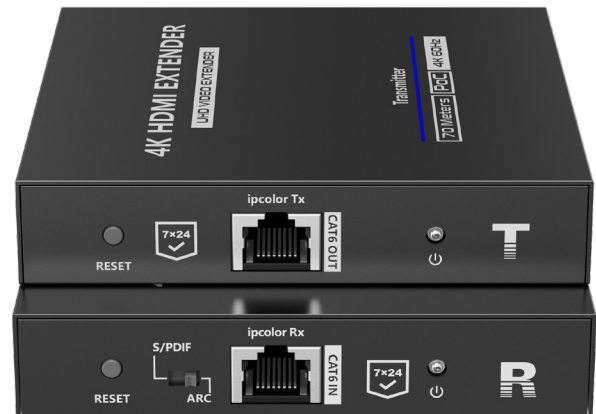
HDMI 2.0 PoC EXTENDER OVER CAT6/6A

Model Code: LKV676P-I

This HDMI Extender includes a transmitter unit and a receiver unit, allows HDMI signal to be transmitted up to 70 meters at 4K resolution using a CAT6/6A/7 network cable. It is perfect for outdoor advertising, video clips, monitor system, home entertainment, and conference, etc.

Features

- Zero latency.
- 4K@60Hz HDMI signal can be transmitted 70 meters through a CAT6/6A/7 network cable.
- The receiver can extract the digital audio from the transmitter through the S/PDIF port.
- Supports HDR10.
- Supports EDID passthrough, and auto downscaling.
- The transmitter supports one HDMI loop-out.
- Support IR passback function (20 ~ 60KHz).
- Lightning Protection, Surge Protection, ESD Protection.
- Supports bi-directional PoC, only the transmitter or receiver is required to supply power.



Specifications

Items	Specifications	
Power Supply	Voltage/Current	DC12V/1A
	Power Consumption	TX < 4W RX < 4W
	HDMI Compliance	HDMI 2.0
	HDCP Compliance	HDCP 2.2
HDMI Performance and Interface	HDMI Resolution	480i@60Hz, 480p@60Hz, 576i@50Hz, 576p@50Hz, 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
	Supports audio formats	LPCM/DTS-H D/DTS-Audi, Dolby Digital 5.1CH, Dolby Atmos
	Input and output TMDS Signal	0.7~1.2Vp-p(TMDS)
	Input and output DDC signal	5Vp p(TTL)
	Input cable length	≤8m (AWG24)
	Output cable length	≤8m (AWG24)
Transmission Distance	Cat 6/6A/7	≤70m
Protection Level	Electrostatic protection of the whole machine	1a Contact discharge level 3 1b Air discharge level 3 Implementation of the standard: IEC61000-4-2
	Working Temperature	-20°C ~ 60°C
Operating environment	Storage Temperature	-30°C ~ 70°C
	Humidity (No Condensation)	0 ~ 90%RH
	Dimension	105.5(L) x 102.5(W) x 20(H)mm
Body Properties	Material	Iron
	Colour	Black
	Weight	TX: 243g RX243g