

4K@60HZ HDMI™ EXTENDER 120M

Model Code: LKV483

This product is a 4K@60Hz HDMI™ extender kit consisting of a sender and a receiver. The 4K@60Hz HDMI™ signal can be extended up to 120m via Category 6 and above network cables, supporting one-to-one connection, one-to-many connections via gigabit switch, or switch cascades. It also supports IR passback functions, and can be widely used in meetings, home entertainment, educational presentations, and other fields.



Features:

- Uses IPColor STREAM technology for high-definition, low-latency transmission.
- Supports resolutions up to 3840x2160@60Hz, with backward compatibility.
- Supports optical fiber transmission with a maximum distance of 40 kilometers.
- Supports one-to-one or one-to-many connections via a gigabit switch.
- Supports RS-232 pass-through.
- The transmitter supports HDMI loop-out.
- Supports IR passback (20~60kHz).
- Firmware is upgradeable via Micro USB.
- The transmitter has a 3.5mm audio input for sound embedding, and the receiver has an independent 3.5mm audio output.
- Features lightning protection, surge protection, and ESD protection.
- Supports steady 24-hour operation.

SPECIFICATIONS

HDMI Length	≤ 5m
Maximum transfer rate	18Gbps
Compatibility	HDMI 2.0, HDCP 1.4/HDCP 2.2
Resolutions	4096x2160@24/30/50/60Hz, 3840x2160@24/30/50/60Hz, 1080P@24/25/30/50/60Hz, 720P@50/60Hz, 576P@60Hz, 480P@60Hz, 1920x1200, 1680x1050, 1600x900, 1280x1024, 1280x960, 1280x720, 1024x768, 800x600
Connection types	One-to-one connection, One-to-many connection, Switch cascading
Transmission distance	CAT5 80m / CAT5E 100m / CAT6 120m
Transmission latency	1080P: 80~130ms, 4K@60Hz: 150~220ms
HDMI output	LPCM 2.0
IR receiving range	≤ 5m
IR frequency	20kHz~60kHz
Working temperature	- 20°C~60°C
Storage temperature	- 30°C~70°C
Humidity	0~90%RH (NO CONDENSATION)
Colour	Black
Dimensions	96.8(L) x 94(W) x 23.7(H)mm
Protection	ESD protection 1a Contact discharge level 2 (±4KV) 1b Air discharge level 3 (±8KV) Implementation of the standard: IEC61000-4-2 Lightning protection, Surge protection
Power Supply	TX/RX: DC 5V/1A
Power Consumption	TX: ≤ 3.5W RX: ≤ 2.5W
Weight	TX:156g RX:154g