

4K HDMI Over Fiber Extender

LKV378-4K

This HDMI extender over fibre optic cable incorporates HDbitT transport technology, allowing you to extend 4KX2K@25/30Hz HDMI signal up to 20km distance between the source device to display end and supporting IR pass back function.

Features

- Extends HDMI over a single optic fibre cable
- Transmit 4K Ultra HD(4KX2K@25/30Hz) signal up to 20km
- Support IR passes back for easy control
- Compatible with existing network, not affect the Internet
- Inherently immune to electromagnetic interference
- Low signal loss, wide frequency band and strong anti-interference



Specifications

HDMI Signal	Full Compatible with HDCP
Transport Protocol	HDbitT
Support Resolution	75Ω
Support Resolution	480i@60Hz, 480p@60Hz, 576i@50Hz, 576p@50Hz, 720p@50/60Hz, 1080i@50/60Hz, 1080p@50/60Hz 4Kx2K@25/30Hz, 4x2K@25/30Hz
DDC Signal Voltage	5V p-p (TTL)
TMDS Bandwidth	10.2Gpbs
Central Wave Length	1310nm
Transmission Distance	20km
Link Loss	≤14dB
Output Light Power	≥-11dBm
Receive Sensitivity	≤-32dBm
Return Loss	15dB
IR Remote Control	Support 20 ~ 60KHz IR Remote Control
Power Supply	DC 5V/2A *2pcs
Power Consumption	TX <5W, RX <4W
Working Environment	0°C ~ 60°C
Enclosure Material	Aluminium Alloy
Product Dimension (L x W x H)	151.5 x 95 x 22mm *2pcs
Weight	TX: 360g, RX: 360g
Colour	Black