

Mini HDMI Fiber Optic Extender Uncompressed HDMI, 4096x2160@60Hz

1 → HDMI

System Design

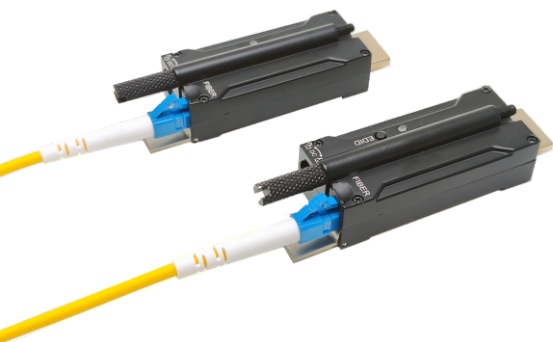
HDMI Fiber Optic Extender

VOS-HDMI-T/R-Mini can transmit your HDMI signal up to 1km over single-mode fiber, or up to 300 m over multi-mode fiber. requires no adjustments, equalization or de-skewing during installation. plug and play connection between Apple TV 4K, Fire TV Stick 4K, nVidia Shield TV, game console, or other professional video.

Audio

Data

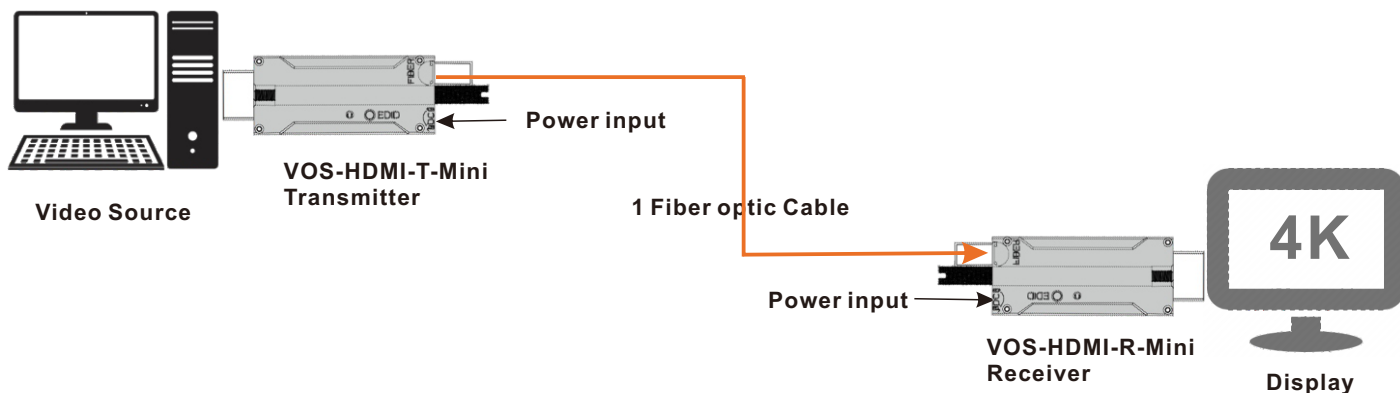
Ethernet



Features

- Support uncompressed HDMI 2.0, HDCP 2.2, up to 10.2Gbps
- Support 4K 60Hz (4:2:0), 4K 30Hz (4:4:4), Backward compatible
- Dual EDID modes (built-in + manual learning) with button switching
- Support EDID memory retention after power-off
- Support Sing-mode 1km or Multi-mode 300m
- Support lossless embedded audio like Dolby TrueHD and TDS-HD
- LED Status Provide Rapid Indication of Operating Parameters
- Plug and play

Typical Configuration



HDMI Fiber Optic Extender

Ordering Information

Part Number	Description
VOS-HDMI-T/R-Mini	1-Channel uncompressed HDMI 2.0, Trasnmitter & Receiver 4K@60Hz 4096×2160, 3840x2160 (4:2:0), 4K@30Hz 4096×2160, 3840x2160 (4:4:4 / 4:2:2 / 4:2:0), 1080p

Specification

• HDMI	• Electrical & Mechanical
HDMI Version: HDMI 2.0 HDMI Connector: 19 pin HDMI Type A Male Data Rate: 10.2Gbps Compliance: HDCP 2.2 Max Resolution: 4K 60Hz 4:2:0 4K 30Hz 4:4:4 (Backward compatible)	Power Supply: DC5V Power Connector: DC 3.5 x1.35mm Power Consumption: <1.5W Dimensions: 60mm x 22mm x 17mm Shipping Weight: 0.1kg
• Optical	• Environmental
Connector: LC (one core) Fiber Type: Single-mode 1km, Multi-mode 300m Tx Output Power: >-3dB Receiver Sensitivity: >-10dB	Operating Temperature: -10°C ~ +65°C Storage Temperature: -20°C ~ +85°C Relative Humidity: 0%~95% (non-condensing) MTBF: >100,000 hours

Panel Drawings

