

### Mini DVI Fiber Optic Extender Uncompressed DVI, 4096x2160@30Hz

#### 1 → DVI

#### System Design

##### DVI Fiber Optic Extender

VOS-DVI-T/R-Mini can transmit your DVI 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

The fiber extender supports resolution up to 4K 30Hz (4:4:4), Backward compatible. EDID is managed by maintaining continuous EDID communication with the source, ensuring that it powers up properly and maintains video output.

#### Data

the VOS-DVI-T/R-Mini designed to solve the installers common problems with long distance DVI transmission.

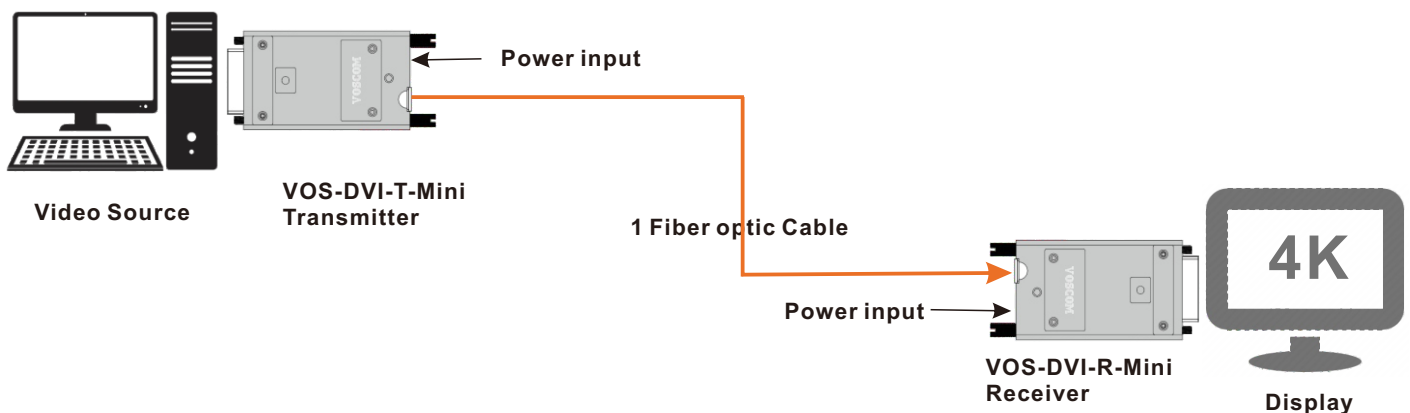
#### Ethernet



#### Features

- Support uncompressed DVI signal over Fiber
- Support Max Resolution 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
- LED Status Provide Rapid Indication of Operating Parameters
- Plug and play

#### Typical Configuration



# DVI Fiber Optic Extender

## Ordering Information

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

## Specification

• DVI	• Electrical & Mechanical
Number of Channels: 1-Channel DVI DVI Connector: DVI-D Male Data Rate: 10.2Gbps Max Resolution: 4K 30Hz 4:4:4 (Backward compatible)	Power Supply: DC5V Power Connector: DC 3.5 x1.35mm Power Consumption: <1.5W Dimensions: 88.7mm x 39mm x 15mm Shipping Weight: 0.2kg
• 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

