

## Technical Specifications

# TL-FO-HD

### Features at a Glance

- Supports 4K HDMI video
- Compliant with HDCP 1.4
- Compliant with single-mode or multi-mode optical fiber
- 400m transmission for single-mode fiber
- 300m transmission for multi-mode fiber
- EDID/HDCP/CEC pass through
- Micro USB connector for power supply



The TL-FO-HD is a mini 4K HDMI optical fiber extender, including a transmitter and a receiver. It supports HDMI1.4 & HDCP1.4, extends 4K HDMI video up to 400m via single optical fiber cable, with EDID/HDCP/CEC pass through.

The TL-FO-HD provides a perfect solution for 4K HDMI video transmission.

## Specifications

<b>I/O Connections</b>	
HDMI	One HDMI Type A connector
Optical	One LC connector
5V DC Power	One Micro USB connector
<b>Supported Audio and Video</b>	
Maximum Video Compatibility	400m: 4kx2K@30Hz 4:4:4 8bit; 1080p@60Hz 4:4:4 16bit
Video Compliance	HDMI1.4, HDCP1.4,CEC pass through
Embedded Audio	Up to PCM 8 channel, Dolby Digital TrueHD and DTS-HD Master Audio
Input DDC Signal	5.0 Volts p-p(TTL)
Input Video Signal	0.5-1.0 Volts p-p
<b>Optical Fiber</b>	
Maximum Distance	400m/300m
Cable	Single-mode fiber/Multi-mode fiber
<b>Chassis and Environmental</b>	
Enclosure	Painted aluminum
Dimensions(WxHxD)	69mm x 10mm x 20mm
Shipping Weight	0.52kg (Tx + Rx)
Operating Temperature (Environment)	0° C - +50° C
Operating Humidity(Chassis)	10% - 90%

Storage Temperature(Environment)	-10° C - +50° C
Storage Humidity(Environment)	10% - 90%

<b>Power, ESD, and Regulatory</b>	
Maximum Power Consumption	2.5 Watts (Tx), 2.3 Watts (Rx)
Power Supply	5V DC
ESD Protection	8kV
Regulatory	CE, FCC
<b>Other</b>	
Standard Warranty	1 Year
Indicators	Power, Link
Included Items	User Manual, Power adapter, Optical fiber cable (0.5m)

### Dimensional Drawings

