

Technical Specifications

TL-FO-DVI

Features at a Glance

- Compliant with HDMI video
- Resolution is up to 4kx2K/30Hz
- 300m transmission for multi-mode fiber
- EDID management
- Mini design



The TL-FO-DVI is a mini DVI optical fiber extender, including a transmitter and a receiver. It is compatible with HDMI video up to 4Kx2K/30Hz, and extends HDMI/DVI video up to 300m via single optical fiber cable with EDID management.

The TL-FO-DVI provides a perfect solution for DVI/HDMI video transmission.

Specifications

I/O Connections	
DVI	One DVI connector
Optical fiber	One LC connector
5V DC Power	One 3.0 mm outside Diameter, 1.0 mm inside Diameter
Supported Audio and Video	
Maximum Video Compatibility	300m: 4kx2K@30Hz 4:4:4 8bit; 1080p@60Hz 4:4:4 16bit
Video Compliance	HDMI1.4 without HDCP, DVI1.0
Input DDC Signal	5.0 Volts p-p(TTL)
Input Video Signal	0.5-1.0 Volts p-p
Optical Fiber	
Maximum Distance	300m
Cable	Multi-mode fiber
Chassis and Environmental	
Enclosure	Painted aluminum
Dimensions(WxHxD)	69.5mm x 10.2mm x 40mm
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%

Power,ESD,and Regulatory	
Maximum Power Consumption	4.35 watts (Tx + Rx)
Power Supply	5V DC
ESD Protection	8kV
Regulatory	CE,FCC
Other	
Standard Warranty	1 Year
Indicators	Power
Included Items	User Manual, Power adapter

Dimensional Drawings

