

FO-HD

Fiber Link Extender Kit



Overview

FO-HD fiber link extender is a fiber optic transmitter and receiver set engineered especially for high definition HDMI signals over long distances via Fiber Optic cable. With its 5Gb bandwidth, an uncompressed transmission resolution can be up to 1920*1080@60Hz

FO-HD kit converts the HDMI source into an optical signal using the transmitter unit and the uncompressed signal will be passed over fiber optic to the Receiver where it is outputted as HDMI for connection to the display. HDMI Transmission distances of up to 5km can be achieved using this advanced fiber optic technology.

FO-HD kit is the ideal long distance extension solution for digital signage, command and control, security, education and military applications where system performance and security are key requirements. Its high bandwidth transmission maintains system performance and does not introduce any latency or dropped frames. FO-HD is the solution designed to minimize total ownership cost and maximize performance.





Features

- Max. Data Rate - 5Gbps.
- Resolution - Up to 1920x1080@60Hz
- Power status LEDs checking
- Fast data transmission
- No frame drop
- Supports uncompressed HDMI1.3 (including HDCP)
- Smart EDID learning functionality on transmitter
- Long distance transmission up to 5km with single-mode and 500m with multi-mode
- Robust FPGA-based solution
- Plug & play design for easy deployment with no software installation
- Passive cooling for silent operation and extra reliability

HDMI®
HIGH-DEFINITION MULTIMEDIA INTERFACE

HDCP™
HIGH-BANDWIDTH DIGITAL CONTENT PROTECTION

Specifications

FO-HD-RX (RECEIVER)	 
INPUTS	1X LC
OUTPUTS	1X HDMI
DIMENSIONS (MM)	80[W] X 90[D] X 45[H]
PSU	DC 12V 1A
NET WEIGHT	140g
FO-HD-TX (TRANSMITTER)	 
INPUTS	1X HDMI
OUTPUTS	1X LC
DIMENSIONS (MM)	80[W] X 90[D] X 45[H]
PSU	DC 12V 1A
NET WEIGHT	140g
RESOLUTION	UP TO 1920x1080@60Hz
BANDWIDTH	5Gbps
DISTANCE	MULTI-MODE: 500M. SINGLE-MODE:5KM
OPERATING TEMPERATURE	-10°C~40°C
STORAGE TEMPERATURE	-10°C~60°C
HUMIDITY	10% ~ 90%
WARRANTY	3 YEARS