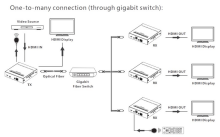
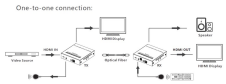
DATASHEET

Techly HDMI Extender Single Mode Fiber 40km











General data

Extender kit consisting of transmitter and receiver to extend the HDMI signal up to 40 km away via single-mode fiber optic cable
Supports point-to-point connection or point-to-multipoint connection via gigabit switch or cascaded switch; Supports resolution up to 1920x1080@60Hz
Supports HDR10, EDID passback, RS-232 passthrough; Supports IR passback for remote control
The transmitter supports HDMI loop-out for local monitoring; the transmitter has a 3.5 mm audio input, the receiver has an independent 3.5 mm and S/PDIF audio output; Lightning protection, surge protection, ESD protection
Dimensions: 103 x 106 x 25 mm; Colour: Black

It enables reliable video transmission and is a distribution solution that can be widely used in security monitoring, rail transportation, television broadcast, smart home, home theater and other fields.

Features
Extender kit consisting of transmitter and receiver to extend the HDMI signal up to 40 km away via single-mode fiber optic cable
Supports point-to-point connection or point-to-multipoint connection via gigabit switch or cascaded switch
Supports resolution up to 1920x1080@60Hz
Supports HDR10, EDID passback, RS-232 passthrough
Supports IR passback for remote control
The transmitter supports HDMI loop-out for local monitoring

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The transmitter has a 3.5mm audio input, the receiver has an independent 3.5mm and S/PDIF audio output
Lightning protection, surge protection, ESD protection

Technical specifications
Adopts ipcolor PIXEL technology to achieve uncompressed transmission and low latency
Supports resolution up to 1080p@60Hz including 1920x1200/1920x1080, backwards compatible
Supports fiber optic transmission, maximum supported transmission distance is 40 km
Supports one-to-many connection via gigabit switches or cascaded switches
Supports HDR10
Supports EDID passback
Supports RS-232 passthrough
With local HDMI output on the transmitter
Supports one-way IR passback
Transmitter has 3.5mm audio input for embedding sound, receiver has independent 3.5mm and S/PDIF audio output
Lightning protection, surge protection, ESD protection
Supports 24-hour constant operation
Environmental characteristics
Operating temperature -20°C~60°C
Storage temperature -30°C~70°C
Humidity 0~90% RH (non-condensing)

Package contents
1x Transmitter
1x Receiver
2x DC 5V 2A power supply
1x IR Blaster extension cable
1x IR receiver extension cable
1x SFP optical transceiver (T1310/R1550nm)
1x SFP optical transceiver (T1550/R1310nm)
2x Terminal blocks
4x Mounting ears
10x Screws
2x Terminal screws
1x Instruction manual

Technical properties	
Max. resolution	1920x1080@60Hz
Suitable for 19 inch mounting	False
Video Inputs	1xHDMI, 1xSFP, 1xIR
Video interface	1xHDMI, 1xSFP, 1xIR
Video norm	Colour PAL

Available variants

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ArtNr.	Bezeichnung	Number of camera inputs	Number of monitor outputs
IDATA-EXT-EF3000	Techly HDMI Extender Single Mode Fiber 40km	1	1

Note on Intended Use

This data sheet is intended solely to describe the technical characteristics of the product. It does not replace an assessment of the product's suitability for a specific application. The user is responsible for ensuring that the product is used in accordance with its technical specifications and applicable legal and regulatory requirements.

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