HDMI Extender over Copper

Fibernet's HDMI Extender over copper using for transmission of video, audio and IR signals using TX (source side) and RX (sink side) nodes. The signals is uncompressed and can be transmitted up to 50M.

Automatically identify and configure various display modes, built-in automatic equalization, display image clear and stable, built-in ESD protection circuit, effectively prevent static loss. POE standard so only on node has to use 5VDC.
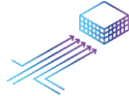
Installation: Plug and Play, no setup required.

Applications:

Data Centers

Storage Area Networks (SAN)

Communications Rooms

Examples:
- Control room and remoted video sources
- Conference room
- Any High Definition Display Application

Features:

- HDMI 1.3 & HDCP1.2 signal transmission
- EDID AutoDetect
- Resolution up to 1920X1080@60Hz
- Support 165MHz/1.65Gbps per channel bandwidth
- Support 8 bit per channel deep color
- Support uncompressed channel audio (LPCM)
- POE functionality
- Transmission distance up to 50M

Benefits:

- Easy installation
- High performance results
- No software required
- Support IEEE-568B standard

Configurations:

- 5-12V/DC power supply
- Indicator lamp- Optical, video, power
- 1X HDMI (female type), 1X IR port
- Output Ports 1X HDMI both in TX & RX

Specifications:

Parameter	Value
Resolution	Up to 1900x1080@60Hz
HDMI protocol	HDMI1.3 standard
Input ports	HDMI, IR (dry contact), 5-12V/DC
Maximum distance	Up to 50M
Operation temperature	-5 °C ~ +70°C
Environment Humidity	5% ~ 90 %
Dimension	116mm*104mm*28mm
Power consumption	3W
Operating temperature	0°C to 50°C

Ordering Information:

Part Number	Description
FIM-HDMIEXT-CATX	HDMI OVER CAT6 50M HDBASE

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