



# Optical 1ch 4K HDMI Extender



## FTH

FTH, optical HDMI extension module, is designed to let digital flat panel display signal extend over 200 meters away from host based on HDMI standard by optical transmission technology. Its small package and transmit up to four video and one low-speed lane, while simultaneously receiving one low-speed signal, all on one multimode fiber.

### Features

- Supports resolution up to 4K (3840 x 2160) @ 30Hz
- Up to 200meters
- Transmission by 1 Channel LC type multi-mode optical fiber
- TMD5 video signal and EDID data is transmitted over optical fiber
- HDMI V1.4 supported (\*ARC/Ethernet Channel not supported)
- HDCP Compliant

### Specification

	Transmitter	Receiver
Connector	HDMI A Type (male)	
Cable	Copper + Optical Hybrid	
Video Bandwidth	3.4 Gbps / Channel	
Supporting Resolution & Distance	UHD (3840x2160@30Hz) / 200M(656ft)	
Power Consumption	3.9W(Max)	3.9W(Max)
Dimension	106W x 70D x 23H (mm)	
Environment	Operating Temperature Range: 0°C~50°C Storage Temperature Range: -20°C~70°C	

### Optical

- Optical Source: 850nm VCSEL
- O/E Converter: PIN Photo Diode
- Using Fiber : Multi-mode optical fiber (LC Type Connector)

### Package

- Transmitter, Receiver
- 2 Power Adapter
- User's manual

### Ordering Information

## FTH - Axxx

Model name

- Cable length
- 010 = 10meter
- 015 = 15meter
- 020 = 20meter
- ⋮
- ⋮
- ⋮
- 100 = 100meter

### Application

