

正面

70 mm

95 mm

FIBER HDMI 2.0 EXTENDER STICK

MT-ED03H

Product Introduction

This HDMI2.0 fiber optic extender allows lossless transmission of OM4 fiber up to 300 meters, supporting 4K60Hz resolution audio and video transmission. It is also backward compatible with 4K30Hz/1080p/720p, and has a transmission rate of 18Gbps (6Gbps/CH). Using wavelength division multiplexing technology, it can transmit high-definition audio and video through a single multi-mode LC optical fiber. This extender is designed for high-definition video and audio data transmission between devices with HDMI interfaces, such as computers, players, and equipment like high-definition TVs, monitors, and projectors.

Product Features

- This extender supports 4K@60Hz high-definition signal transmission.
- High-definition audio and video can be transmitted through a multi-mode single-core LC optical fiber using wavelength division multiplexing technology.
- It supports OM4 optical fiber for lossless transmission of up to 300 meters.

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Product Applications

- Transparent transmission of EDID/HDCP/DDC/CEC is supported.
- The TMDS signal is transmitted through a multimode optical fiber, providing good anti-interference performance.
- It supports the HDMI 2.0 protocol and is compatible with HDMI 1.4.
- Hot swap is supported.
- The RX side can be powered unilaterally.
- It has a high switching bandwidth of 18Gbps and can achieve 10G speed transmission.
- The extender has a mini body made of zinc alloy, which is durable and has good heat dissipation.

Product Applications

- 1、Digital Home Theater
- 2、HD Video Conferencing System
- 3、Auditorium, Outdoor Advertising
- 4、Security Cameras
- 5、Conference Room

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Packing List

Transmitter	x1
Receiver	x1
Power adapter	x2
1.2m Micro USB cable	x2
Instruction manual	x1

Product Interface Description

HDMI IN

HDMI OUT

LC fiber port

Micro USB power supply port

SOURCE

DISPLAY

4K60

4K60

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Specification Parameters

Supporting Agreement	HDMI2.0, also compatible with HDMI1.4
Resolution Range	4K60Hz, 4K30Hz, 1080p, 1080i, 720p
Transmission Rate	18Gbps (6Gbps/CH)
Working Temperature	-20°C to 70°C
Storage Temperature	-40°C to 85°C
Power Supply	TX: 5V/2A (If the signal source HDMI power supply is insufficient, it needs to be powered through the Micro USB interface) RX: 5V/2A, powered by Micro USB interface
Interface Type	HDMI-A
Maximum Transmission Distance	300M (Using OM4 optical fiber, the transmission distance depends on the actual measured distance of the cable)
Cable Specification	850nm 50/125um OM4 LC_LC multimode fiber (single fiber)

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Product Connection Diagram

Computer

TX

5V Power

Multimode LC Fiber Cable

RX

5V Power

HDMI OUT

TV

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反面