

# MPO optical fiber HDMI 2.0 transceiver

## — User manual —

### I. Product description

The HDMI optical fiber cable, receiving end, transmitting end and the cable in this product are used separately, which is convenient for users to wire. At the same time, it also solves various problems such as stability, compatibility and distance limitation when transmitting signals. It provides the speed and bandwidth required for the highest image quality, no need expanders, converters or amplifiers, does not contain EMI, and can be installed with multiple cables to provide flexibility for remote component location; and supports 18Gbps and 4K@60Hz/ 4K@30Hz performance. Comply with HDMI 1.4/HDMI 2.0 standard. It is easy to use, suitable for home video distribution with HDMI Type A interface, conference room presentation system, classroom projection system, digital signage and high-definition video display.

### II. specifications

Protocol	HDMI 2.0, compatible with HDMI 1.4
Resolution	4K@60Hz/4K@30Hz/1080p/1080i/720p
Support function	HDCP/EDID/CEC/ARC/3D/HDR
Operating temperature	-20°C to 70°C
Storage temperature	-40°C to 85°C
Operating Voltage	5.0V
Power consumption	≤700mW
Interface Type	HDMI 2.0 TYPE A
Signal transmission interface	MPO (8 fiber multimode OM3)
Transmission distance	MPO cable 300 meters (fiber specifications: 850nm, 50/125um, OM3-300)
Data rate	18Gbps
Limit bending radius	20mm

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### III. Installation details

●Open the contents of the shipping group and shut down the entire system before connecting.

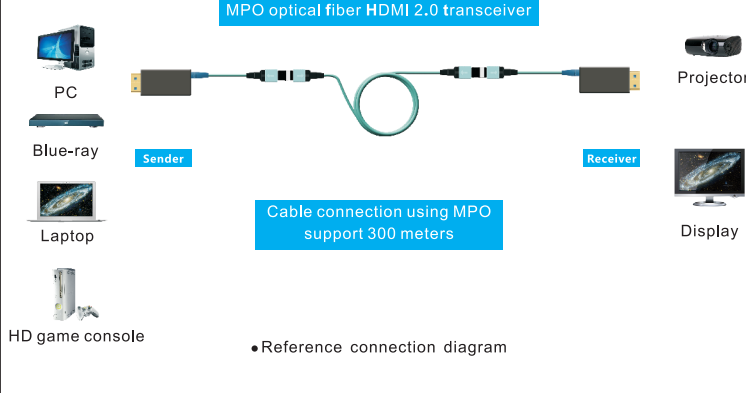
●Insert the "HDMI Source" interface of the transceiver directly into the HDMI output port of the video source (such as DVD, Blu-ray, game case, etc.). And make sure that the transceiver interface is firmly inserted.

●Insert the "HDMI Display" interface of the transceiver into the HDMI input port of the display (such as: HDTV, LCD screen, projector, etc.). And make sure that the transceiver interface is firm and plugged into the power source.

●Turn on the power of the signal source and display.

●When encountering product quality problems, please consult our after-sales department first. Non-professionals should not disassemble the shell privately to avoid damage to the product.

### IV. Connection diagram



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### V. Product accessories

- (1) Product 1 pc
- (2) Charging cable 1pc
- (3) Product instruction scan code card 1 pc

### VI. Precautions

- Before cleaning, unplug the power plug of this unit from the HDMI device. Do not use liquid or spray cleaners. , Only wipe with a damp cloth.
- Keep away from wet, magnetic and flammable surfaces or substances.
- Do not place any heavy objects or equipment on top of the equipment.

### VII. Troubleshooting

1. The display shows a black screen
  - Check if the flange connection of MPO is correct.
  - Make sure the HDMI port is firmly plugged into the signal source and monitor.
  - Make sure that the "Source" connector is connected to the video source and the "Display" connector is connected to the monitor.
  - To manually check the video input selection, press the "power" button on the TV/VIDEO or TV manufacturer's remote control to find the TV's video input menu; then click to see what each input is connected to.
  - Check if the signal source and monitor are turned on and connected properly to boot.
  - Restart the system expansion module when connecting optical HDMI.

2. Screen distortion or display noise
  - Check if the image resolution is set correctly for the source. For computers, go to the display properties of Windows and click Settings; for other HDMI video sources, please refer to the user manual to adjust the video resolution.
  - Restart the system, if possible, it is necessary to disconnect the HDMI optical cable.

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# Product Warranty Card

## Customer Information

Model:	
Date of purchase:	
User telephone:	
User address:	
Distributor:	
Agency address:	
User telephone:	Dealer stamp valid

## Intenance Records

Repair times	Date	Fault	Treatment measures	Repair work NO.

Electronic products are guaranteed for one year, and other products are guaranteed for two years. Damage caused by human factors or product burnout caused by improper operation is not included in the scope of warranty.

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