

Optical HDMI EXTENDER

User Manual

Special Notification

Before using this product, please read this manual carefully.
Please keep this manual for future reference.
The company may change the function of product without notice.

Product Introduction

Optical HDMI Extender that overcomes the length restriction of standard HDMI cables by using optical fiber to send high definition video signals over large distances, Supports IR control function.

This product can be widely used in the system of video conferencing / radio and television / closed circuit television / television monitoring.

Features

1. Compliant with HDMI 1.4 /3D, support 720P@60Hz, 1080i@60Hz, 1080P@60Hz, 4K@30Hz;
2. Compliant with HDCP;
3. Support 7.1 multi channel PCM audio;
4. 850nm multi mode, 1310 single mode;
5. Transmission distance 1m-60KM (base on optical module);
6. HDMI /DVI transmission;
7. Support HDMI hot swap.

(To prevail in kind)

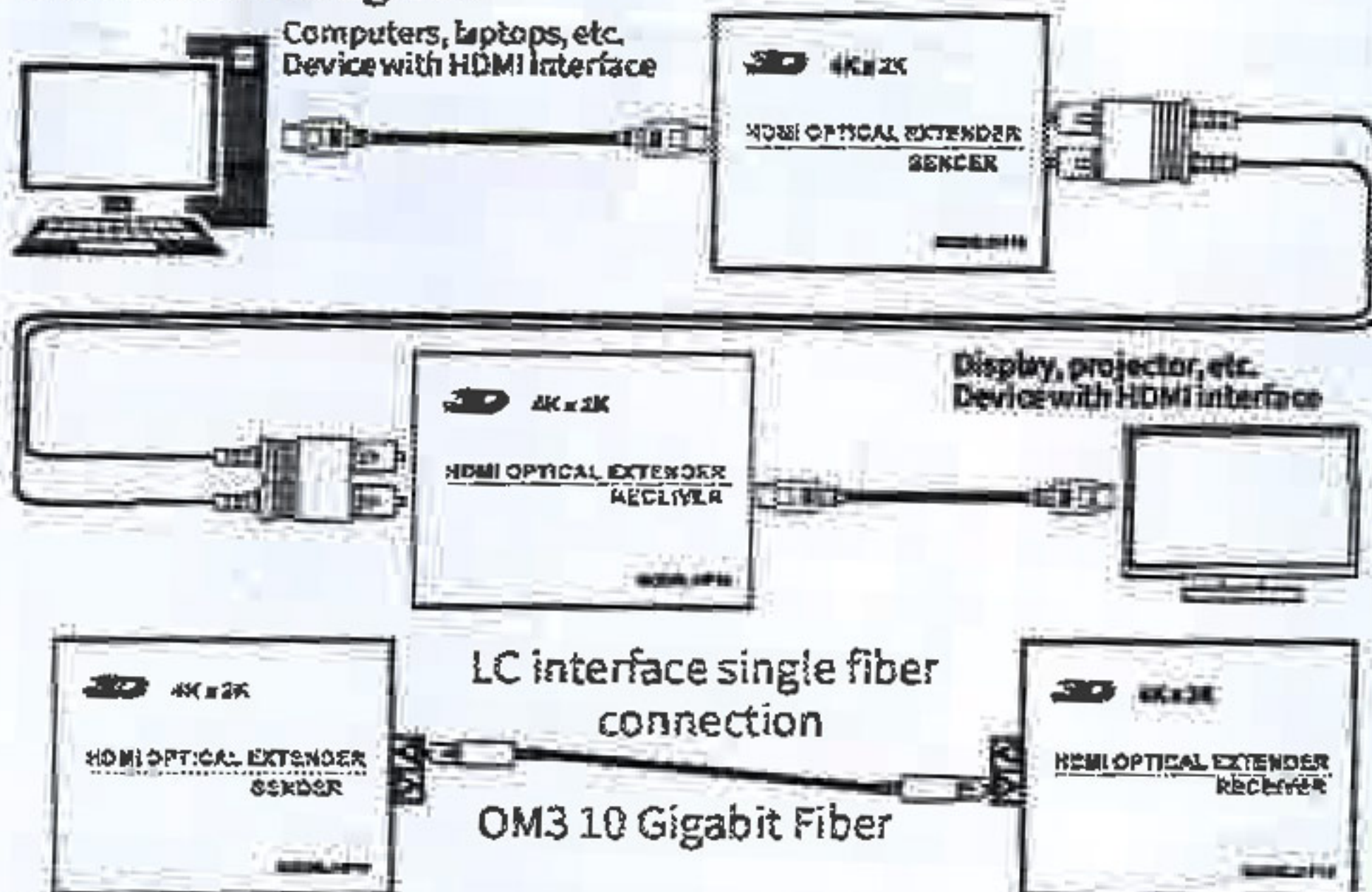
Technical Parameters

Fiber interface number	2 Dual Fiber
Fiber interface	LC interface
Working distance:	
Single mode	10KM/20KM/60KM(Customized)
Multimode	300M
Rated peak wavelength	850nm/1310nm
Fiber data rate	10G
1 channel HDMI input and output	
HDMI input and output TDMS signal bandwidth	3.4Gpbs
Input HDMI Resolution	480i, 576i, 480p, 576p, 720p, 1080p, 4K@30Hz
Output HDMI Resolution	480i, 576i, 480p, 576p, 720p, 1080p, 4K@30Hz
Infrared signal transmission frequency	38KHz
HDMI Interface ESD protection	15KV
Fiber Interface Specification	SC
Enter the cable length	≤15m AWG26 HDMI 1.3 standard cable
Output cable length	≤15m AWG26 HDMI 1.3 standard cable
The maximum operating current	470mA
Power Adapter Specifications	
	AC input (50 / 60HZ): 100V-240V, DC Output 12V1A
Operating temperature	0~40°C
Operating humidity range	5~85%RH(No condensation)
The sender size	110×66.5×31.8 (mm)
The sender weight	240g
The receiver size	110×66.5×31.8(mm)
The receiver weight	240g

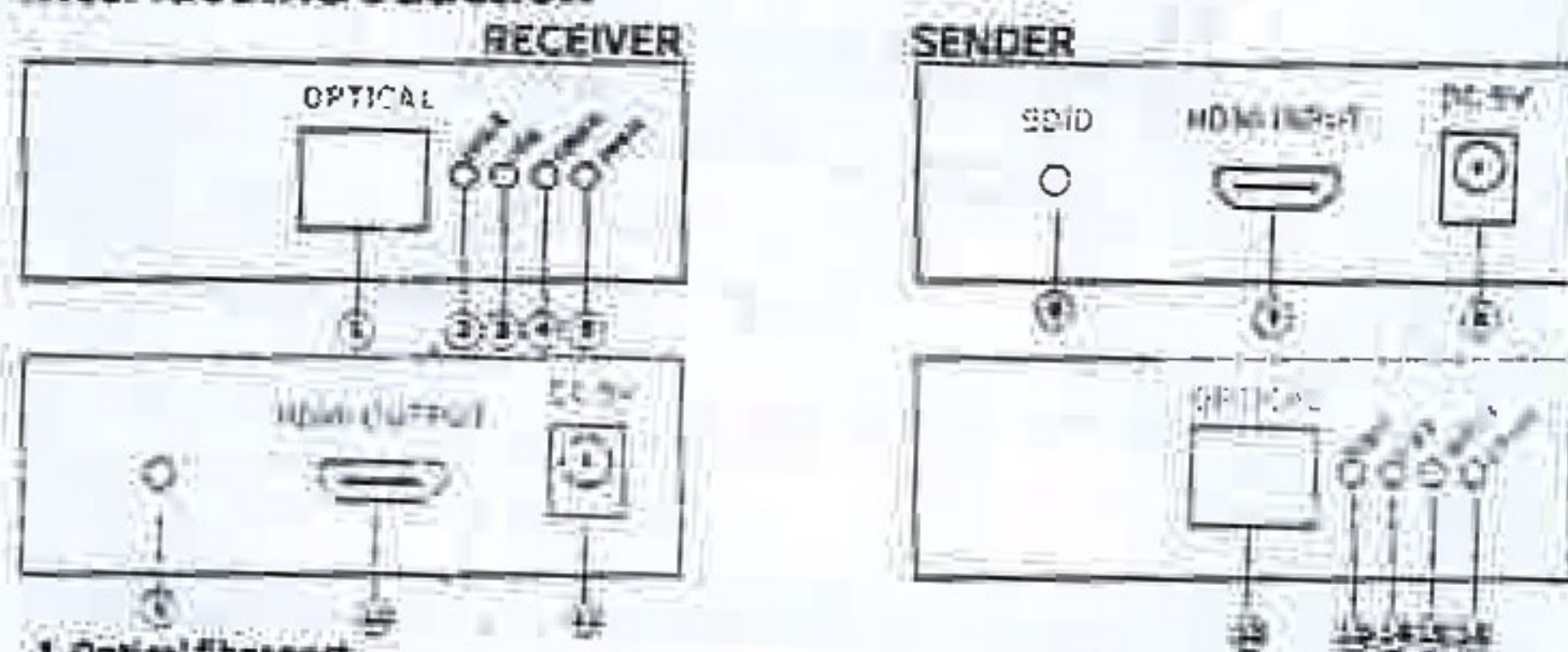
Use Manual

- ◆ Make sure all cables are properly connected before turning.
- ◆ This product is only for indoor using.
- ◆ Please unplug when clean-up or long time no use.
- ◆ Please use the product-specific power adapter and use in the range of the adapter marked.

Connection diagram



Interface introduction



Packing List

No.	Part	Qty	Remark
1	Extender (sender&receiver)	1set	
2	Power adapter	2pc	
3	Manual	1pc	

The matters needing attention of installation

In order to ensure the reliable performance of the equipment and the safety of the user, please observe the following matters during the process of installation, use and maintenance.

- Please do not use this product in the following places: the place of dust, soot and electric conductivity dust, corrosive gas, combustible gas; the place exposed to high temperature, condensation, wind and rain; the occasion of vibration and impact. Electric shock, fire, wrong operation can lead to damage and deterioration to the product, either;
- Should avoid wiring and inserting cable plug in charged state, otherwise it is easy to cause the shock, or electrical damage;
- The installation and wiring should be strong and reliable, contact undesirable may lead to false action;
- This product grounds by the grounding wires. To avoid electric shocks, grounding wires and the earth must be linked together. Before the connection of input or output terminal, please make sure this product is correctly grounded;
- Only after cutting down all external power source, can install, wiring operation begin, or it may cause electric shock or equipment damage;
- Please do not dismantle the equipment, avoid damaging the internal electrical component.