

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.

Summary

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.

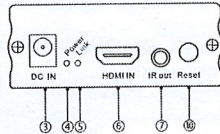
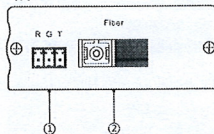
This product can be widely used in the system of video conferencing / radio and television/closed circuit television /television monitoring

Features

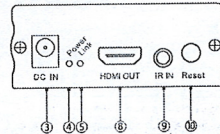
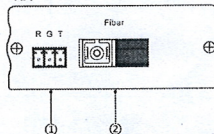
- Compatible HDMI1.3a, DVI1.0 standards;
- support for infrared return function (38KHz)
- Support 1080p @ 60Hz
- Multimode fiber transmission 2KM ,Single mode fiber transmission 20KM
- Support TCP / IP protocol
- Built-in ESD protection circuit, can effectively prevent static electricity
- Simple installation

Introduction of the front and rear panels

TX

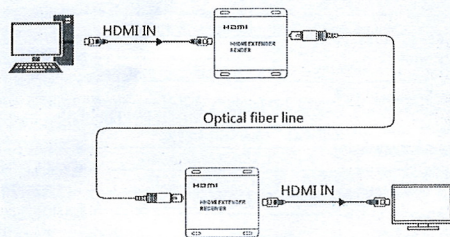


RX



- ① RGT-----RS232 Interface;
- ② Fiber-----Optical fiber interface;
- ③ DC IN-----Power interface;
- ④ Power-----Power indicator;
- ⑤ Link-----Work indicator;
- ⑥ HDMI IN -----HDMI interface;
- ⑦ IR out-----Infrared signal output interface;
- ⑧ HDMI OUT-----HDMI interface;
- ⑨ IR IN -----Infrared signal input interface;
- ⑩ RESET-----Reset switch;

Connection Diagram



Technical Parameters

Input HDMI Resolution	480i, 576i, 480p, 576p, 720p1080p
Output HDMI Resolution	480i, 576i, 480p, 576p, 720p1080p
Infrared signal transmission frequency	38KHz
HDMI Interface ESD protection	15KM
Fiber Interface Specification	SC
Enter the cable length	≤15m AWG26 HDMI Standard cable
Output cable length	≤15m AWG26 HDMI Standard cable
The maximum operating current	200mA
Power Adapter Specifications:	AC input (50 / 60HZ): 100V-240V, DC Output: 12V/1A
Operating temperature	(0~40°C)
Operating humidity range	5~85%RH (non-condensing)
The sender size	103×97×30(mm)
The sender weight	160g
The receiver size	103×97×30(mm)
The receiver weight	160g

Packing List

No.	Name	Qty	Remark
1	Optical HDMI Extender	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.