HDMI

HIGH-DEFINITION MULTIMEDIA INTERFACE

USER MANUAL

HDMI Extender 10km over Fiber

Enjoy the vivid world

Introduction

HDMI extender over fiber is a device transmitting HD audio and video signal via Single Mode or Multi Mode Fiber Cable. It transmits your HD display with the high resolutions up to 10km away from your HDMI or DVD source by using one fiber cable. At the same time, it's also convenient to transmit HDMI audio and video signal by point-to-point mode.

TX

RX

Features

* Support HDMI1.4/HDCP1.4;
* Support point-to-point mode;
* Support signal mode and LC single core fiber transmission;
* Pure hardware design, plug and play, do not need to install additional software.

Specifications

HDMI input resolution …………….….......…...……..... 4k@30Hz/1080p/720p/480p
HDMI output resolution ………......……………………….. 4k@30Hz/1080p/720p/480p
Power consumption ……………..…….........… HDMI Sender:3W   HDMI receiver:3W
Power adapter specifications …..................…….….... input AC (50HZ, 60HZ) 100V-240V
                                                                                                    Output 5VDC/1A
Operating Temperature range ……………….…….……….…...…........ (-10℃ ～ +55℃)
Operating Humidity range …………..….……...…..…..... 5 to 90%RH (No Condensation)
Dimension (L x W x H) ………………….…………….…..………..…........ 163x86x24(mm)
Weight …………………….…………………………………….....................…..... appr.451g x 2

Physical interface diagram

HDMI Transmitter
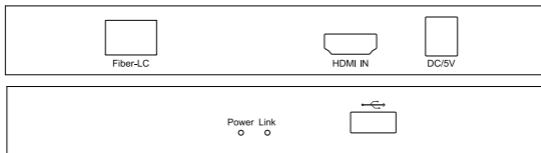
Ports	Function description
Fiber-LC	Fiber-LC type fiber port
HDMI IN	HDMI input
DC/5V	5V Power Interface
Power	power adapter indicator
Link	System working indicator
⮃	⮃ port(connect to PC)

HDMI Receiver

Fiber-LC	HDMI OUT	DC/5V

Power	Link	Keyboard	Mouse
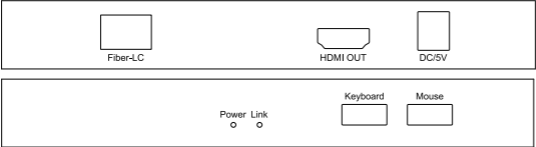
Ports	Function description
Fiber-LC	Fiber-LC type fiber port
HDMI OUT	HDMI output
DC/5V	5V Power Interface
Power	Power adapter indicator
Link	System working indicator
Keyboard	Connect to keyboard
Mouse	Connect to mouse

Application diagrams
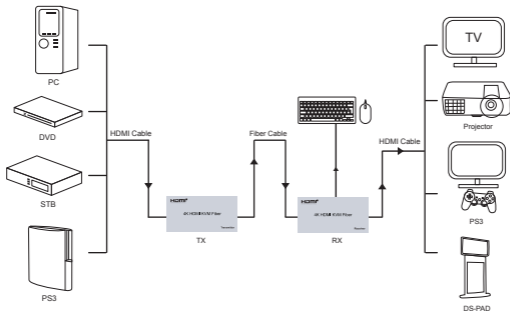
Connection and operation

1) Connect the HDMI signal to the HDMI Transmitter with HDMI cable
2) Connect the HDMI receiver to the HDTV display with HDMI cable
3) Use one fiber cable up to 10km to connect the Fiber-LC type port of Transmitter and Fiber-LC type port of Receiver
4) Connect two pieces of 5V power supply to the transmitter and receiver, power supply for the equipment and the LED indicator light on. When status lamp on and flicker, equipment starts normal

Package include

1: HDMI fiber extender transmitter	1PCS
2: HDMI fiber extender receiver	1PCS
3: DC 5V power supply	2PCS
4: User's Manual	1PCS