

USER MANUAL OPTICAL FIBER HDMI EXTENDER

Brief Introduction

20Km optical fiber HDMI extender by using optical fiber to send high definition audio and video signal over large distance, overcoming the limited length restriction of stander HDMI cables.

Operation

The Connection Mode of Extender

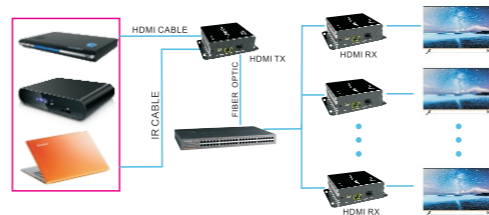
1. The Connection of Extender

● Point to Point



-1-

● Point to multi



2. The connection of IR remote

- IR receiver connect to IR input of HDMI RX, IR sender connect to IR output of HDMI TX
- Put the head of IR extension cable as close to the IR receiver port of signal source of device.



-2-

Package Contents

- 1* HDMI optical fiber sender
- 1* HDMI optical fiber receiver
- 2* DC5V power,
- 1* user manual
- 1* IR sender extension cable
- 1* IR receiver extension cable

FAQ

Q1: LINK light is off

- A1: 1) TX and RX reversed
2) Check HDMI signal source
3) Inspect the HDMI cable of TX

Q2: Power light can't work

- A1: 1) Check the connection of power adapter
2) Check the power input is fixed or not

Q3: IR remote can't control

- A1: 1) Check the IR sender and receiver and make sure both of them in the right position
2) Make sure IR signal is 38kHz

-3-

Specification

Item	20Km optical fiber extender		Remark
Power adapter	DC 5V		2 unit
HDMI	DDC voltage	5Vp-p(TTL)	
	TMD bandwidth	10.2Gpbs	
	HDMI	480i@60Hz, 480p@60Hz, 576i@50Hz, 576p@50Hz, 720p@50/60Hz, 1080i@50/60Hz, 1080p@50/60Hz	
Optical fiber	HDMI output	480p@60Hz, 576p@50Hz, 720p@50/60Hz, 1080p@50/60Hz	
	Center wave length	1310nm	
	Connection port	SC	
	Optical fiber type	Single mode 0-20km	
	Link Loss	≤14dB	
IR remote	Output power	≥ - 11dBm	
	Receive sensitivity	≤ - 32dBm	
	Return loss	15dB	
Power Consumption	Support 38kHz		
Dimension	TX : 5W ; RX : 5W		
	10.5 * 9.3 * 2.9 cm		

-4-