

# **HDMI EXTENDER**

User Manual

## **BF-376**

HDMI Extender Over Single Fiber with IR (20KM)  
(Full HD 1080P TCP/IP)

Bring High-Definition to your life!



**BAFO Premium Partner (India)**

Yeshwanthpur, Bangalore-560 022 India Tel:  
+91 97399 52969, +91 80 23374772/ 73/ 74  
sales@icpl.co.in  
[www.icplindia.com](http://www.icplindia.com)

Thank you for purchasing this product. For optimum performance and safety, please read these instructions carefully before connecting, operating or adjusting this product. Please keep this manual for future reference.

## 1.0 INTRODUCTION

BAFO HDMI Extender over single fiber is a tool for extending HDMI signal over a long distance to a compatible HDMI display. Instead of using expensive HDMI cables, your existing fiber cables/sockets can be utilized to perform advanced functions like transferring deep color (12 bit/color) digital video and audio, with a bandwidth up to 225MHz. The HDMI Extender over single fiber is your substantial HDMI extender tool and it also supports IR re-transmitting so you can control the display source which is up to 20KM away.

## 2.0 FEATURES

1. Support HDMI1.3/HDCP1.2 protocol
2. Support input/output resolutions: 60fps 1080p/720p/576p/480p
3. Support IR remote control 20~60KHz
4. Audio format support: DTS-HD/Dolby-trueHD/LPCM7.1/DTS/Dolby-AC3/DSD
5. TPC/IP protocol compliant, one transmitter and multiple receivers with a maximum of 253 receivers
6. Simple to install, plug and play, no drivers needed

## 3.0 PACKAGING ACCESSORIES:

When first unpacking your extender please check to see if the following items are included:

1. HDMI Transmitter----- 1 PCS
2. HDMI Receiver-----1PCS
3. IR-TX-----1 PCS
4. IR-TX-----1 PCS
5. 12V DC Power Supply adapter -----2 PCS
6. User manual-----1 PCS

## 4.0 SPECIFICATION

HDMI Version	HDMI V1.3
Transmitter Input Port	HDMIx1(AF)
Transmitter Output Port	HDMIx1(AF), SC Fiberx1, IR-TXx1
Receiver Input Port	SC Fiberx1, IR-RXx1
Receiver Output Port	HDMIx1(AF)
Frequency Bandwidth	2.25Gbps (single link)
Input/Output Resolutions	480p,576p,720p,1080p
Audio	Sample rate:32KHz,44.1KHz,48KHz
IR Remote Control	20~60KHz; NEC
ESD Protection Human Body Model	± 8kV (air-gap discharge) ± 4kV (contact discharge)
Operating Temperature	- 0°C ~ 40°C / 32°F ~ 104°F
Storage Temperature	-20°C ~ 60°C / -4°F ~ 140°F
Relative Humidity	-20~90% RH (non-condensing)
Dimensions (mm)	-120x73x22



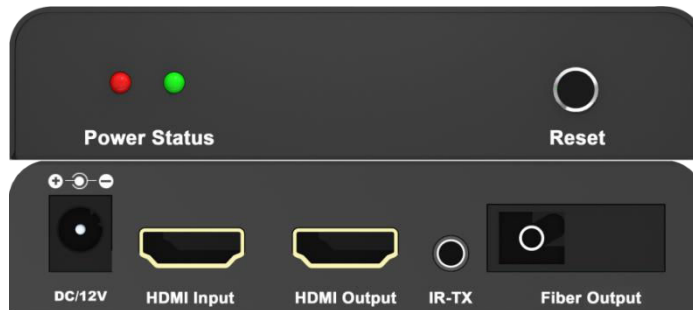
**BAFO Premium Partner (India)**

Yeshwanthpur, Bangalore-560 022 India Tel:  
+91 97399 52969, +91 80 23374772/ 73/ 74  
sales@icpl.co.in  
[www.icplindia.com](http://www.icplindia.com)

**5.0 PANEL DESCRIPTIONS**

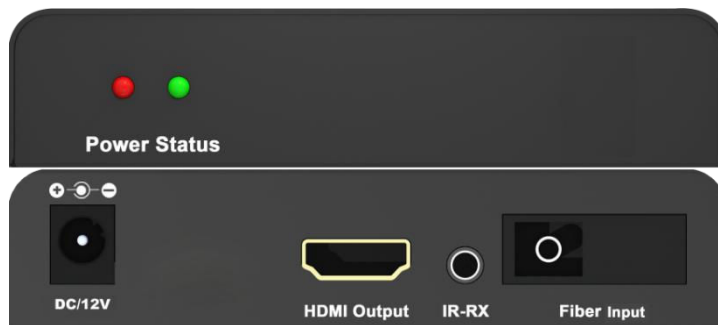
Please study the panel drawings below and become familiar with the signal input, output and power requirement.

**HDMI Extender Transmitter**



- Power Status ----- Power Indicator
- Working Indicator
- Reset ----- Reset Button
- DC/12V ----- Power Input Port
- HDMI Input ----- HDMI Input Port
- HDMI Output ----- HDMI Loopout
- IR-TX ----- IR Transmitter
- Fiber Output ----- Fiber Output

**HDMI Extender Receiver**



- Power Status ----- Power Indicator
- Working Indicator
- DC/12V ----- Power Input Port
- HDMI Output ----- HDMI Output
- IR-RX ----- IR Receiver
- Fiber Input ----- Fiber Input

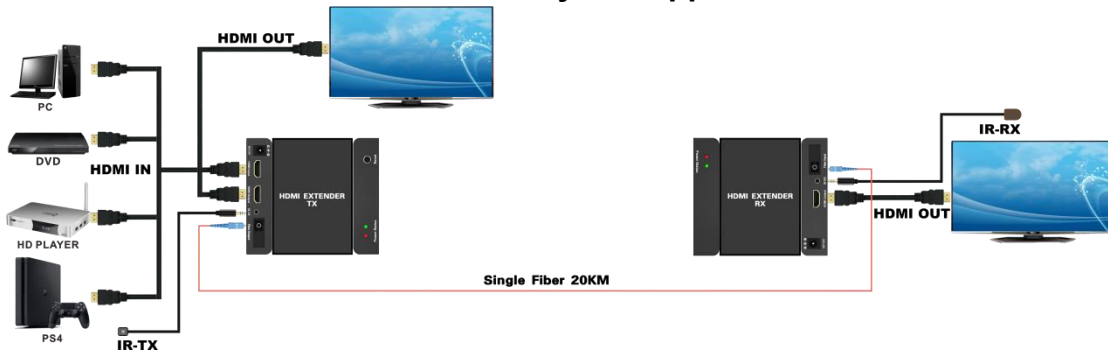


**BAFO Premium Partner (India)**

Yeshwanthpur, Bangalore-560 022 India Tel:  
 +91 97399 52969, +91 80 23374772/ 73/ 74  
 sales@icpl.co.in  
[www.icplindia.com](http://www.icplindia.com)

## 6.0 CONNECT AND OPERATE

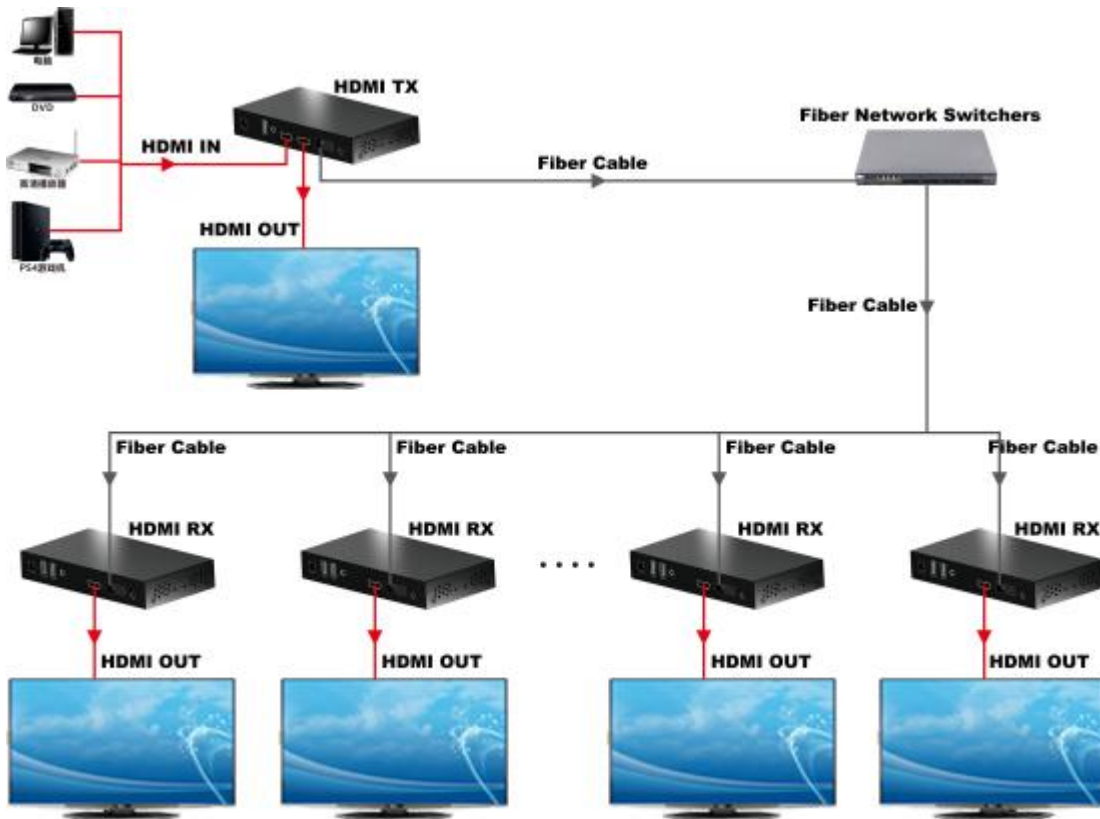
### 6.01 Transmitter and Receiver one by one application.



Before installation, please make sure all devices you wish to connect have been turned off.

1. Connect HDMI source to the transmitter unit.
2. Use SC fiber cable to connect transmitter and receiver of HDMI Extender.
3. Connect the display device to the receiver unit.
4. Power on all connected devices.

### 6.02 Transmitter and Receiver one by N application, N can up to 253.



### 7.0 INSTALLATION AND PRECAUTIONS

To avoid electric shock, product damage, and for your safety, please notice the following:

1. Please slowly plug or unplug signal cables, do not plug and unplug too often or shake them.
2. The equipment should not be placed under the sun, rain and damp or unventilated environment.
3. Liquid items should not be placed on the equipment.
4. Do not install the equipment near heat sources such as fire, power, or other amplifiers that produce heat.
5. Do not insert the metal or other objects to the equipment in addition to connecting cables to ports.
6. Do not demolish the equipment by yourself; it should be maintained by professional maintenance staff.



**BAFO Premium Partner (India)**

Yeshwanthpur, Bangalore-560 022 India Tel:  
+91 97399 52969, +91 80 23374772/ 73/ 74  
sales@icpl.co.in  
[www.icplindia.com](http://www.icplindia.com)