HDMI over Fiber Extender

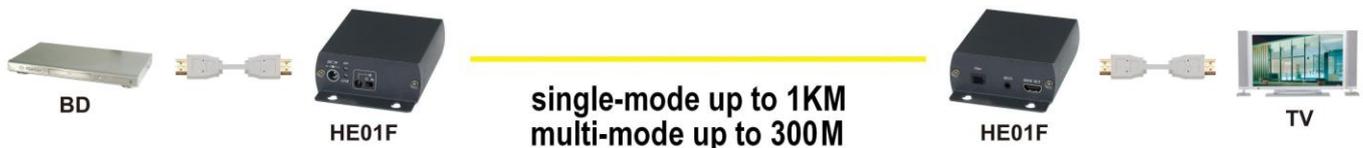## ITEM NO.: HE01F   HDMI & IR/RS232 Fiber Extender

HE01F is an Optical HDMI Extender that overcomes the length restriction of standard HDMI cables by using optical fiber to send high definition audio and video signals over large distances.
It also built in RS232 and IR to extend the IR remote control and transfer RS-232 (up to 115kbps) in both directions, allows you to connect serial devices such as touch screens and barcode scanners.

Features:

- Extends HDMI signal over fiber optical cable.
- Built in bi-directional RS232.
- Built in IR extender function, support IR bi-direction transmission.
- Single mode up to 1KM, multi mode up to 300 meters.
- Using LC fiber optic connector, fiber wavelength 1310nm/1550nm FP
- Support HDMI 1.3 1080p@60Hz, video bandwidth support 25-225Mhz.
- Support 2 channel audio.
- HDCP & DVI Compliant.

Installation:

BD HE01F single-mode up to 1KM multi-mode up to 300M HE01F TV

Working Distance:

To use single mode fiber optical cable up to 1KM (Max.)
To use multi mode fiber optical cable up to 300M (Max.)
The working distance also influence on different fiber optical cable and optical connectors.
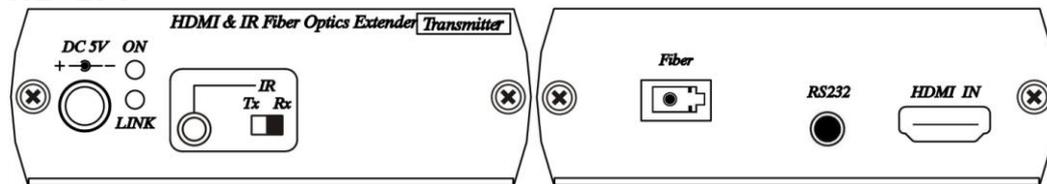
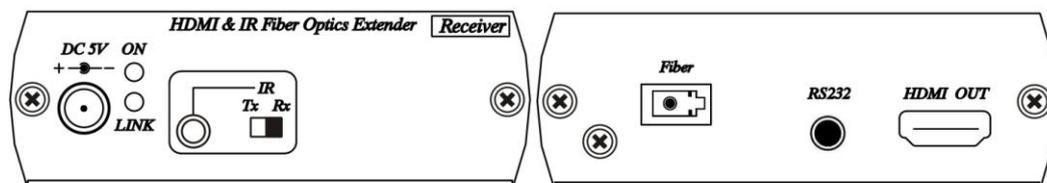## LED Indication:

GREEN： Power ON/OFF

BLUE ON： Linking

BLUE OFF： Unlink

Panel View:

HE01FT

HE01FR

Package Include:

HE01FT Transmitter x 1
HE01FR Receiver   x 1
DC 5V 2Amp power adapter x 2
RS232 male to 3.5mm male cable x 1
RS232 female to 3.5mm male cable x 1
IR Emitter cable x 1
IR Receiver cable x 1

Specification:

ITEM NO.	HE01FT	HE01FR
Video Bandwidth	25~225 MHz	
Resolution	480i/p，720p，1080i@50/60Hz，1080p@ 24/50/60Hz	
Audio Support	2 channel stereo	
Video output/input connector	HDMI Type A 19 Pin x 1	
Transmission Interface	Fiber optics connector：LC type x 1	
RS-232 Connector	3.5mm Phone Jack x 1	
RS-232 Data Rate	Up to 115200 bps 全雙工	
IR Connector	3.5mm Phone Jack x 1	
IR Frequency	20~60KHz	
IR Switch	Slide Switch x 1	
LED	LED Blue x 1,Green x 1	
Power Supply	DC 5V 2A	
Power Consumption	1A (Max)	
Temperature	Operation: 0 to 55℃, Storage: Storage: -20 to 85℃, Humidity: up to 95%	
Dimension mm	88　x　110　x　30	88　x　110　x　30
Weight g	250	250

RoHS CE FC C

Rev. A