

HDMI To Fiber Converters with 1 Infrared Receiver, 155M, Compressed

➤ Features

- Transmits HDMI video and audio signals up to 20km over one fiber optic cable;
- Support video resolution up to 1920*1080P@60Hz;
- Support IR transmission;
- Compliance with HDMI 1.3 and HDCP 1.2 standard;
- High compatibility, can auto-match source and display device;
- Built-in automatic adjustment system, make the image smooth, clear and stable;
- Built-in ESD protection system;
- Simple to install, plug and play;



➤ Introduction

The HD0100-01 Fiber optic extender provides extension of HDMI signals long distances over one fiber optic cable, it supports high resolution up to 1080P and IR transmission. The extender can use for a wide range of applications requiring long distance transmission of high resolution with high quality by its good stability and powerful security.

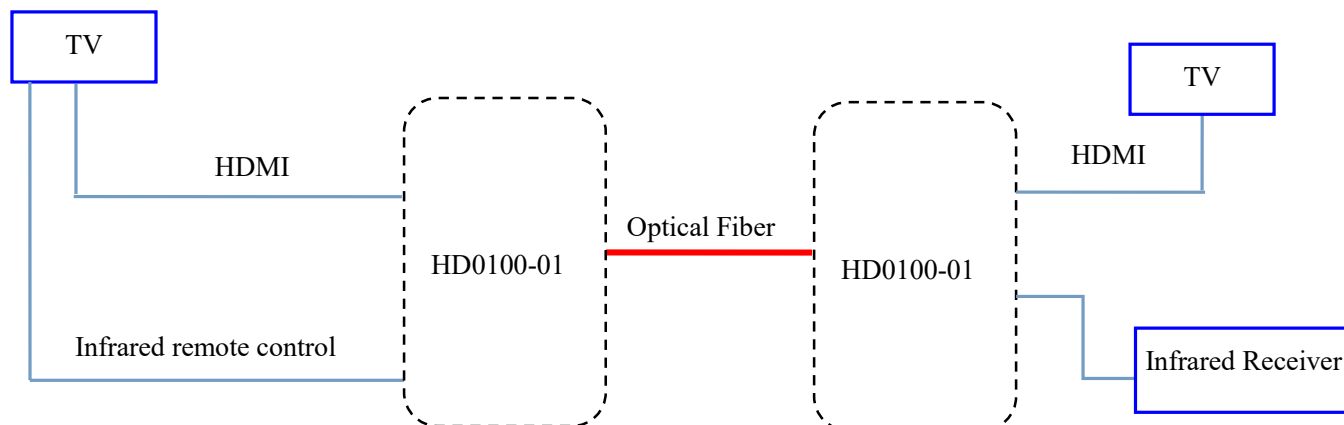
➤ Application

- HD monitor transmission and power supply
- Security protection system, TV medical treatment
- Network telephone transmission, Intelligent house and home system
- Intelligent transportation supervisory system (ITS)
- High-speed Way supervisory/Tele-Communication System
- Long-distance Multi-media Schooling, Campus monitoring
- Long-distance broadcast television transmission system
- High-building Security Protection, Military Tele-Com project
- Smart City

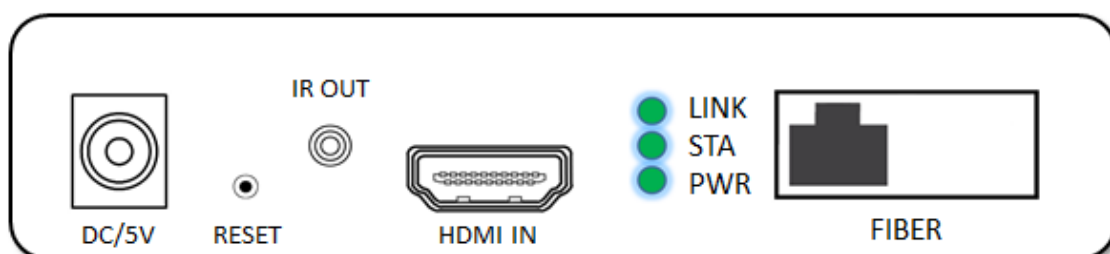
➤ Specification

Video	
Standards	HDMI 1.3; HDCP 1.2
Maximum pixel clock	165MHz
Maximum data rate	125Mbps
Resolution range	Up to 1920X1080P@60Hz
Connector	Female HDMI type A
Impedance	100Ω
Audio	
Interface	3.5mm earphone seat
Signal type	Digital
Transmission direction	Unidirectional
Carrier frequency	38kHz
Optical fiber	
Interface	SC/FC connector
Fiber type	Single-mode, single fiber
Wavelength	1310nm
Interface bandwidth	155Mbps
Transmission distance	20Km
Other	
Power supply	DC12V
Power dissipation	MAX 6W
LED indicator	L: Video signal lock indicator S: Video signal connection indicator P: System power indicator
Temperature	Operating: -5°C ~ +70°C
Humidity	Operating: 5% ~ 90%
Dimension	113*80*28mm
The warranty	1 year free warranty

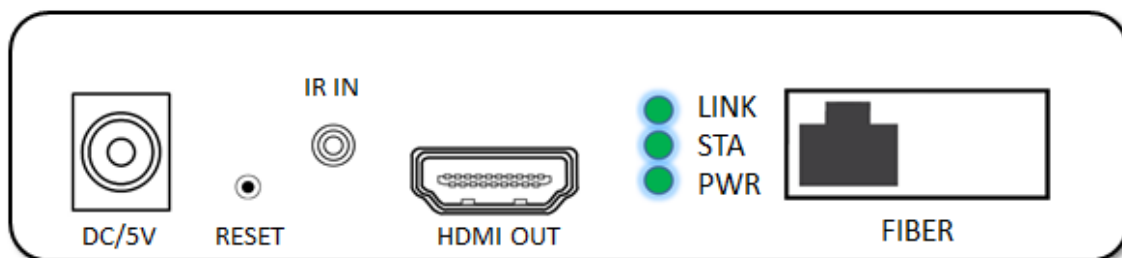
➤ Connection



➤ Panel



Transmitter



Receiver

➤ Ordering Information

Model NO.	Description
HD0100-01	HDMI To Fiber Converters with 1 Infrared Receiver, 155M, Compressed
HD0111-3G	HDMI To Fiber Converters + 1 audio+1 RS232, 3G, Uncompressed
HD0101-10G	HDMI To Fiber Converters with 1-port RS232,10G,Uncompressed
HD0110-G	HDMI To Fiber Converters with extra audio,1.25G,Uncompressed

➤ Packing List

- HDMI optical fiber transmitter *1
- HDMI optical fiber receiver * 1
- Fiber optic module * 2
- Power adapter * 2
- User manual * 1