

## HDMI To Fiber Converters + 1 audio+1 RS232, 3G, Uncompressed

### ➤ Features

- Transmits HDMI video and audio signals up to 10km over one fiber optic cable;
- Support video resolution up to 1920\*1080P@60Hz;
- Support external stereo audio unidirectional transmission;
- Support RS232 signal unidirectional transmission, baud rate self-adaptive;
- 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 HD0111-3G Fiber optic extender provides extension of HDMI signals long distances over one fiber optic cable, it supports high resolution up to 1080P, RS232 signal and external audio transmission function. 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.

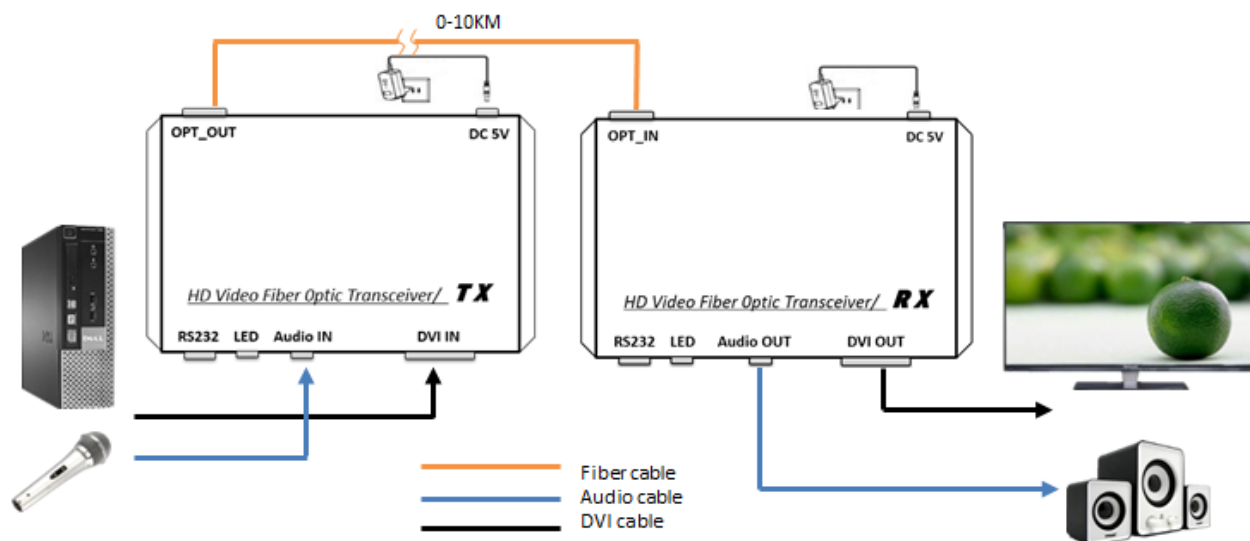
### ➤ Application

- 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

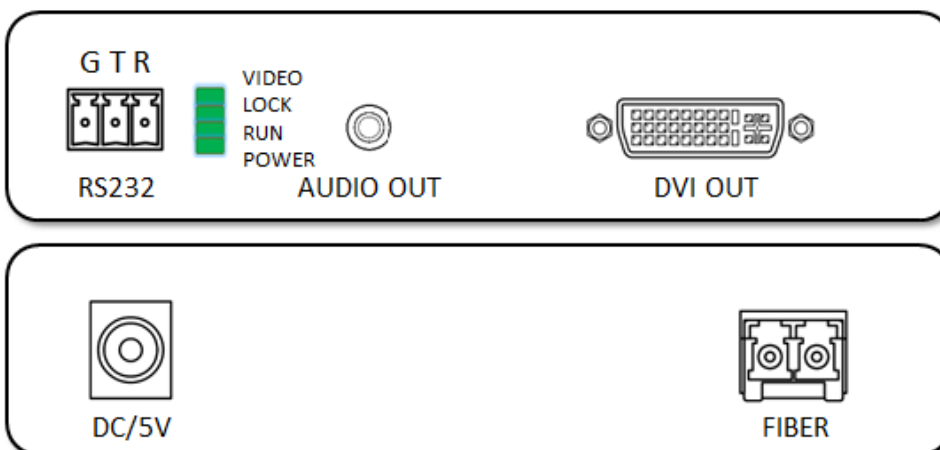
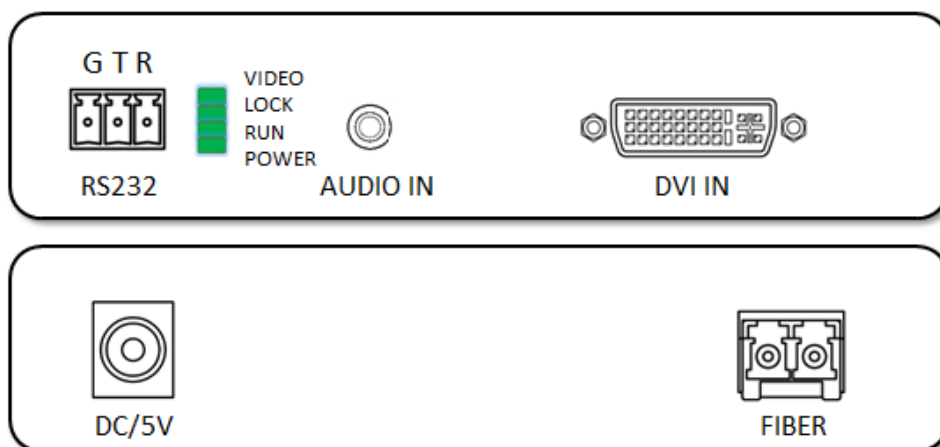
## ➤ Specification

Video	
Standards	HDMI 1.3; HDCP 1.2
Maximum pixel clock	165MHz
Maximum data rate	2.97Gbps
Resolution range	1920*1080@60Hz 1920*1080@50Hz
	1920*1080@30Hz 1920*1080@25Hz
	1920*1080@24Hz
	1080I@60Hz 1080I@50Hz
	1280*720@60Hz 1280*720@50Hz
Connector	Female HDMI type A
Impedance	100Ω
Audio	
Interface	3.5mm earphone seat
Signal type	Stereo
RS232	
Interface	Industrial terminal
Signal direction	Unidirectional
Baud rate	Self-adaptive, Max:115200bps
Data bits	8
Optical fiber	
Interface	LC connector
Fiber type	Single-mode, single fiber
Wavelength	Single-mode 1310nm
Interface bandwidth	3Gbps
Transmission distance	10Km
Power supply	DC12V
Power dissipation	MAX 6W
LED indicator	V: Video signal connection 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	136*130*30mm
The warranty	1 year free warranty

## ➤ Connection



## ➤ Panel



## ➤ 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