

## HDMI To Fiber Converters with 1-port RS232, 10G, Uncompressed

### ➤ Features

- Transmits HDMI video signals up to 2km-10km over a pair fiber optic cable;
- Support video resolution up to 3860\*2160@30Hz, 3D signal;
- Support copy EDID copy/pass-thru, can match many kind display device;
- Support RS232 signal unidirectional transmission, baud rate self-adaptive;
- Compliance with HDMI 1.4 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 HD0101-10G HDMI Fiber optic extender provides extension of HDMI and 3D signals long distances over one fiber optic cable, it supports high resolution up to 4K\*2K, EDID copy/pass-thru 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.

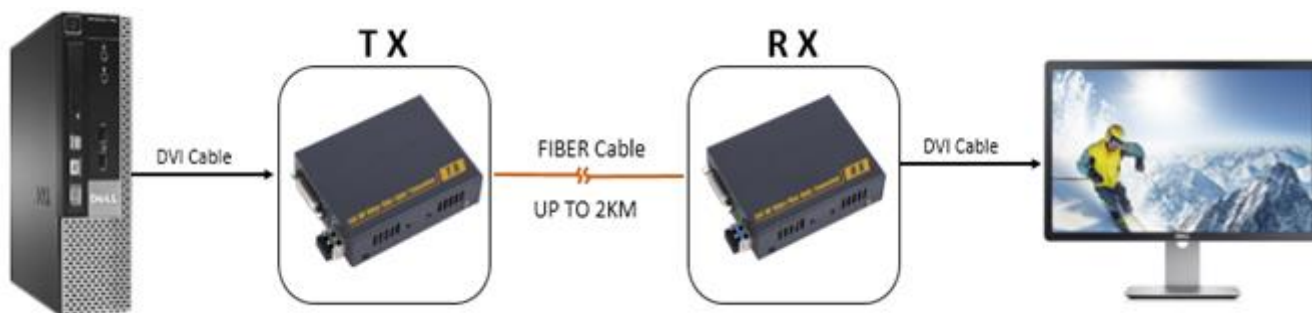
### ➤ Application

- 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 1.4  |
| Maximum pixel clock   | 225MHz  |
| Maximum data rate     | 6.75Gbps  |
| Resolution range      | Up to 3840*2160@30Hz  |
| Connector             | Female HDMI type A  |
| Impedance             | 100Ω  |
| RS232                 |   |
| Interface             | DB9 socket  |
| 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   | 10Gbps  |
| Transmission distance | 2Km,10Km  |
| Other                 |   |
| Power supply          | DC12V   |
| Power dissipation     | MAX 6W  |
| LED indicator         | L: Optical fiber signal connection indicator<br>S: Video signal connection indicator<br>P: System power indicator |
| Temperature           | Operating: -5°C ~ +70°C   |
| Humidity              | Operating: 5% ~ 90%   |
| Dimension             | 94.5*73*26mm  |
| 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