

## DVI To Fiber Converters + 1-port RS232, 10G, Uncompressed

### ➤ Features

- Transmits DVI video signals up to 20km over a pair fiber optic cable;
- Support video resolution up to 3860\*2160@30Hz, 3D;
- Support copy EDID copy/pass-thru, can match many kind display device;
- Support RS232 signal unidirectional transmission, baud rate self-adaptive;
- Compliance with DVI 1.0 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 DVI0101-10G Fiber optic extender provides extension of DVI 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.

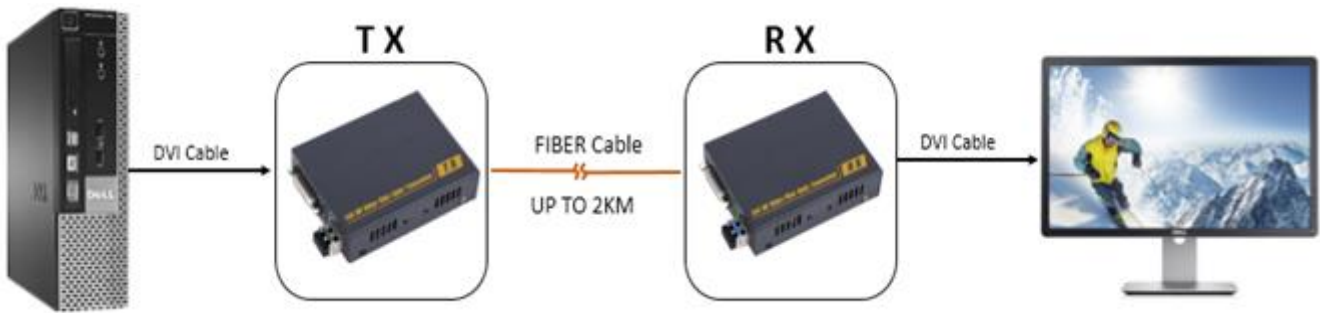
### ➤ Application

- 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

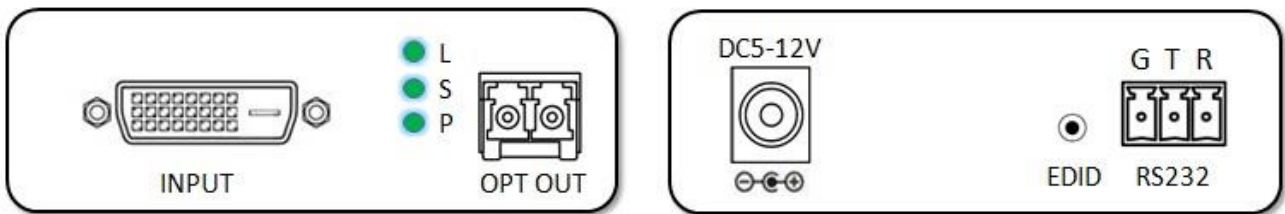
## ➤ Specification

<b>Video</b>	
Standards	DVI 1.0
Maximum pixel clock	225MHz
Maximum data rate	6.75Gbps
Resolution range	Up to 3840*2160@30Hz, 3D ,
Connector	DVI-D Interface
DVI Cable Range	<5M ( Resolution: 1920*1200@60Hz)
Impedance	100Ω
<b>RS232</b>	
Interface	Industrial Terminal
Signal Direction	Unidirectional
Baud Rate	Self-adaptive, Max: 115200bps
Data Bits	8
<b>Optical fiber</b>	
Interface	SFP model – LC connector
Fiber type	Single-mode, single fiber
Wavelength	1310nm
Interface bandwidth	10Gbps
Transmission distance	2Km
Other	
Power supply	DC12V
Power dissipation	MAX 6W
LED indicator	L: Optical fiber signal connection indicator S: Video signal connection indicator 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

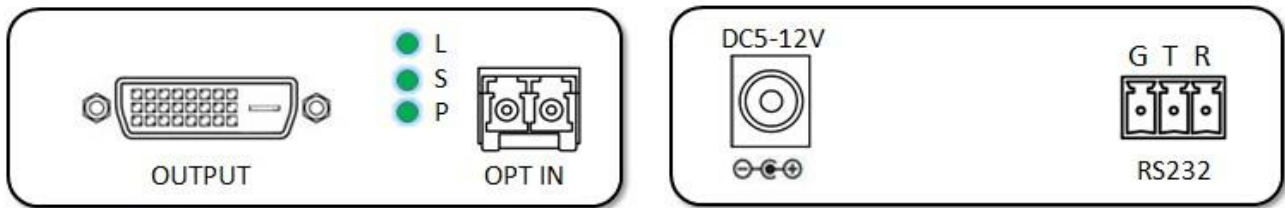
## ➤ Connection



## ➤ Panel



Transmitter



Receiver

## ➤ Ordering Information

Model NO.	Description
DVI0101-10G	DVI To Fiber Converters + 1-port RS232, 10G, Uncompressed
DVI0110-G	DVI To Fiber Converters + 1 audio, 1.25G, Uncompressed
DVI0111-3G	DVI To Fiber Converters + 1 audio+1-port RS232, 3G, Uncompressed

## ➤ Packing List

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