

## DVI To Fiber Converters + 1 audio+1-port RS232, 3G, Uncompressed

### ➤ Features

- Transmits DVI video signals up to 10km over a pair fiber optic cable;
- Support video resolution max up to 1080p@60Hz;
- Support external stereo audio unidirectional transmission;
- Support RS232 signal unidirectional transmission, baud rate self-adaptive;
- Compliance with DVI 1.0 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 DVI0111-3G Fiber optic extender provides extension of DVI 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.

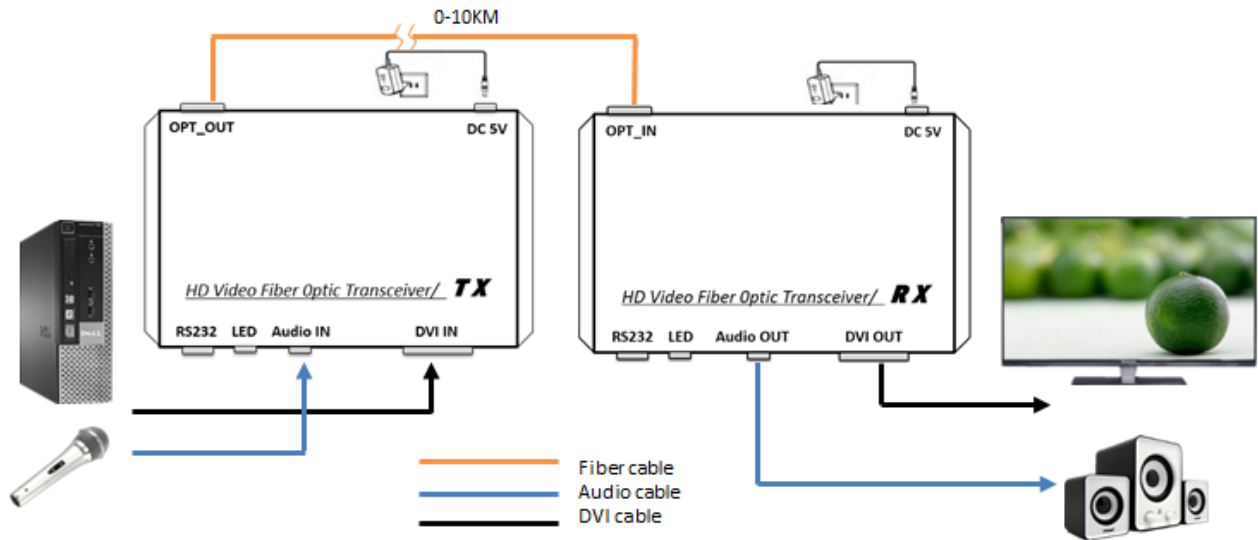
### ➤ Application

- 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

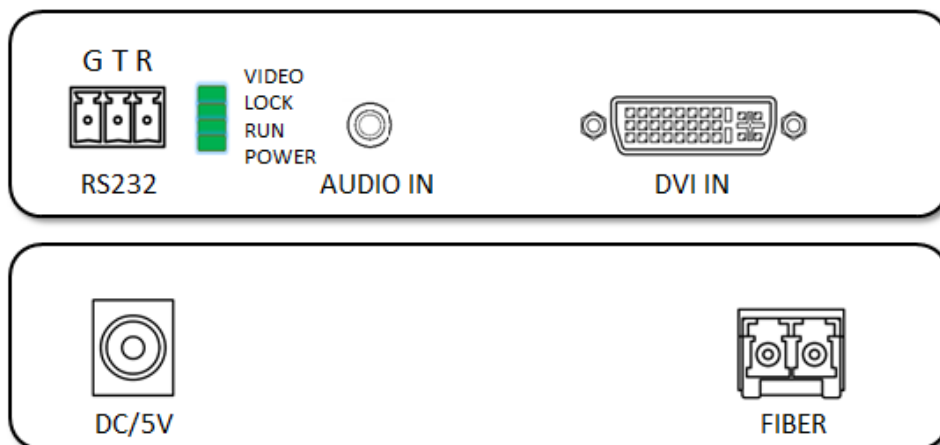
## ➤ Specification

<b>Video</b>	
Standards	DVI 1.0; 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	DVI-D Interface
DVI Cable Range	<5M ( Resolution: 1920*1080@60Hz)
Impedance	100Ω
<b>Audio</b>	
Interface	3.5mm earphone seat
Signal type	Stereo
<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	Single-mode 1310nm
Interface bandwidth	3Gbps
Transmission distance	10Km
Other	
Power supply	DC12V
Power dissipation	MAX 6W
LED 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

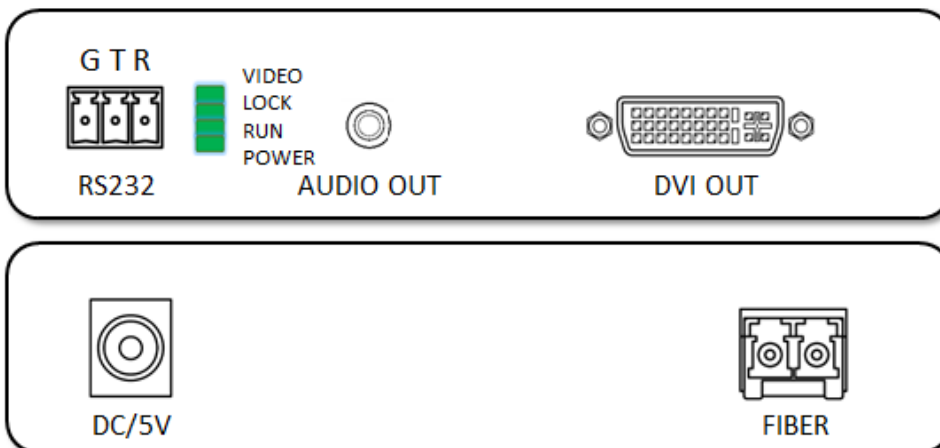
## ➤ Connection



## ➤ Panel



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