

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.

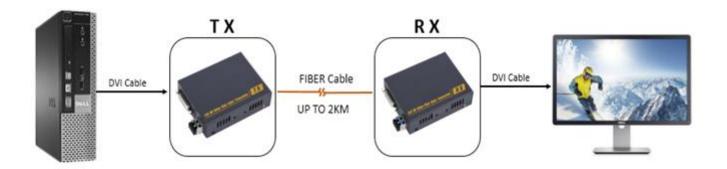
Application

- 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

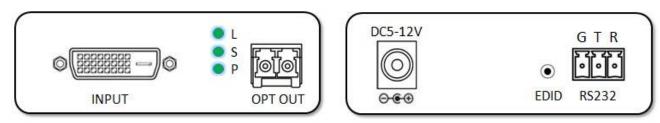
> Specification

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 RS232 Interface Industrial Terminal Signal Direction Unidirectional Baud Rate Self-adaptive, Max: 115200bps Data Bits 8 Optical fiber 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 1, 200 A 2, 200 A 2, 200 A 1, 200 A 2, 200 A 2, 200 A 2, 200 A 1, 200 A 2,	Video	
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The warranty 1 year free warranty	Dimension	94.5*73*26mm
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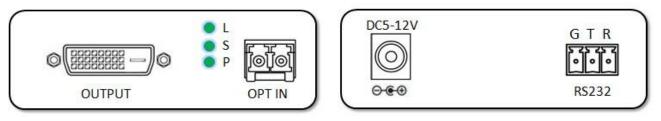
Connection



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