# DVI Fiber Optic Extender

## User Manual



# 1.Description

The DVI Fiber optic extender provides extension of DVI and long distances over one fiber optic cable, it supports high resolution up to 1920*1200@60Hz. 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.

# 2.Features

- Transmits DVI, audio and RS232 signals up to 20km over a fiber optic cable;
- Support video resolution max up to 1080p@60Hz;
- Compliance with DVI1.0 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;

# 3.Package list

- DVI optical fiber transmitter ..... 1 pcs
- DVI optical fiber receiver ..... 1 pcs
- Fiber optic module .....1 set
- Power adapter .....2 pcs
- User manual .....1 pcs

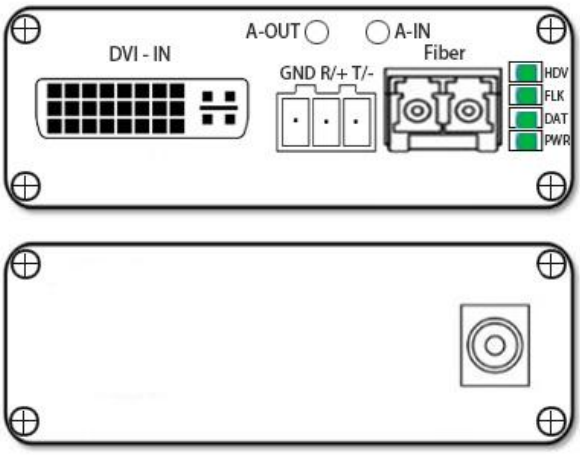
# 4.Specifications

| Parameter | | Description |
|---|---|---|
| Video | Standards | DVI 1.0 |
| | Maximum pixel clock | 165MHz |
| | Maximum data rate | 3Gbps |
| | Resolution range | Max 1920*1200@60Hz |
| | Connector | DVI Interface |
| | DVI Cable Range | <5M( Resolution: 1920*1200@60Hz) |

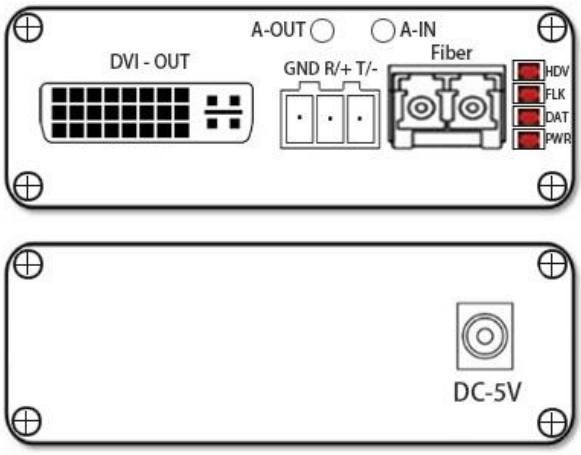
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|---|---|---|
| | Impedance | 100Ω |
| Optical fiber | Interface | SFP model – LC connector |
| | Fiber type | Single-mode/Multi-mode |
| | Wavelength | Single-mode 1310/1550nm<br>Multi-mode 850nm |
| | Transmission distance | 500m/20km |
| Other | Power supply | The power adapter: DC 5V |
| | Power dissipation | MAX 6W |
| | Temperature | Operating: -5℃ ~ +70℃ |
| | Humidity | Operating: 5% ~ 90% |

# 5.Panel

Transmitter:



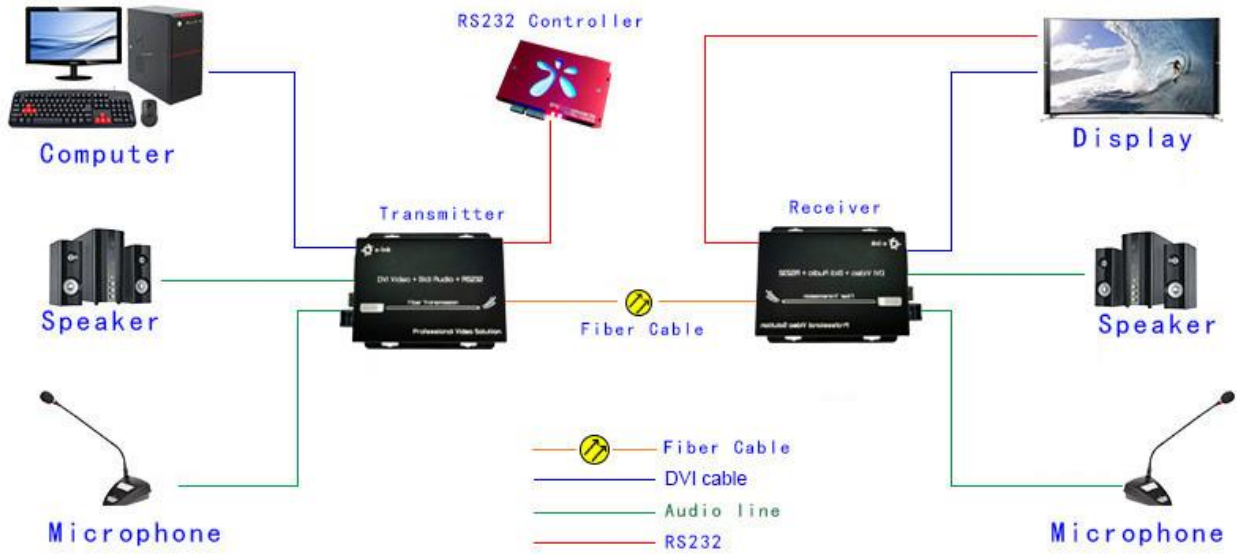

Receiver:




# 6.Installation

1. The DVI signal source access DVI Optical Fiber Transmitter
2. The DVI Optical Fiber receiver connected to a display device (such as high-definition TV, splicing screen, etc.),
3. The LC interface optical fiber line connects the Transmitter and the receiver SFP optical fiber interface module,
4. The Transmitter and the receiver connected to the power, when the lamp lights up normally, normal operation of system.

# 7. Diagram




# 8. Warranty

Thank you very much for using our products.

The warranty time is one year and life-long maintenance. During this period, any belongs to under normal usage circumstance cause because of the product quality's problem of breakdown, our company will be responsible for giving free maintain.

Free maintain won't be given under the following circumstance:

- The malfunction and damaged caused by incorrect use, the unauthorized repairs and alteration;
- The damage caused by fire, flood, abnormal voltage, other natural disasters and secondary product damage;
- The product malfunction caused by not in accordance with the user manual operation;
- The malfunction and damaged caused by the other barriers(man-made factors or external device);