DVI + 1Ch Bidirectional Stereo Audio + 1Ch RS232 over Fiber Optic Extender

Features

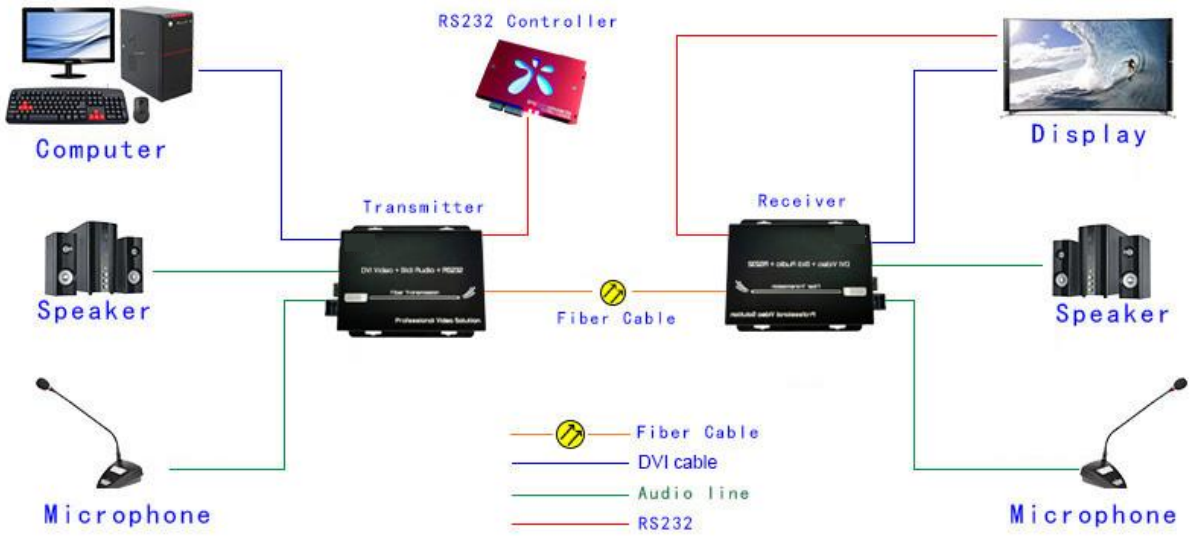
- Transmits DVI video signals, RS232 and audio up to 20km over a single fiber cable;
- Support resolution up to 1920*1200@60Hz ;
- Special support 1600*1200 @60HZ
- Support external bidirectional stereo audio transmission;
- Compliance with DVI 1.0 and HDCP 1.2 standard;
- High compatibility, can auto-match 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;



Overview

The LNK-DVI-1D1BA Fiber optic extender provides extension of DVI signals long distances over one fiber optic cable, it supports high resolution up to 1080P, KVM, RS232, GPIO 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



Technical Indexes

Parameter		Description
Video	Standards	DVI 1.0 and HDCP 1.2
	Maximum pixel clock	165MHz
	Maximum data rate	2.97Gbps
	Compliant	1080P@50/59.95/60Hz(Max 1920*1200@60Hz) 1080P@23.98/24/29.97/30Hz, 1080i@50/59.94/60/Hz, 720P@23.98/24/29.97/30Hz, 720P@50/59.94/60Hz Special support 1600*1200 @60HZ
	Connector	Female DVI-D
	Impedance	100Ω
	DVI Cable Range	<5Meter (Resolution up to 1920*1200@60Hz)
Audio	Interface	3.5MM external stereo audio
	Transmitter	1Ch Input + 1Ch Output
	Receiver	1Ch Input + 1Ch Output
RS232	Interface	3-Pin Terminal Block
	Baud Rate	≤115200
	Data Bits	8 bits
Optical fiber	Interface	SFP model – LC connector
	Fiber type	Single-mode
	Wavelength	850nm/1310nm/1550nm
	Interface bandwidth	3Gbps
	Transmission distance	Multi-mode fiber: <500M Single-mode fiber: 0~80km
Other	Power supply	The power adapter: DC 5V
	Power dissipation	MAX 4W
	Temperature	Operating: -20℃ ~ +70℃
	Humidity	Operating: 5% ~ 90%
	Dimension (LxWxH)	120 x 83 x 28 (mm)