1Ch 1080P DVI + USB KVM + 1Ch RS232 + 1Ch Bidi Stereo Audio + 1Ch GPIO over Fiber Extender

Features

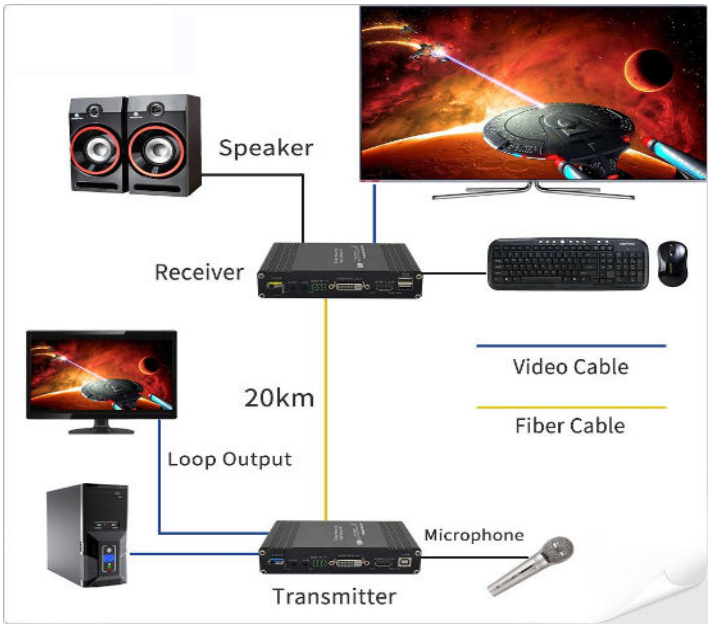
- Transmits DVI video signals up to 60km over one fiber optic cable;
- Support video resolution up to 1920*1200P@60Hz;
- Support keyboard and mouse signal transmission;
- Support external stereo audio bi-directional transmission;
- Support RS232 signal unidirectional transmission, baud rate self-adaptive;
- Support general-purpose input/output (GPIO) signal;
- Support HDMI loop out
- 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-KVM-DVI-1D1BA1GO 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; HDCP 1.2
	Maximum pixel clock	165MHz
	Maximum data rate	2.97Gbps
	Resolution	1920*1200@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
	Impedance	100Ω
Audio	Interface	3.5mm earphone seat
	Signal type	Stereo
K/M	Interface	To PC: MINI-USB To keyboard and mouse: USB-A
GPIO	Interface	Industrial terminal
RS232	Interface	Industrial terminal
	Signal direction	Unidirectional
	Baud rate	Self-adaptive, Max：115200bps
	Data bits	8
Optical fiber	Interface	LC connector
	Fiber type	Single-mode single fiber
	Wavelength	Single-mode 1310nm
	Interface bandwidth	3Gbps
	Transmission distance	standard 10km
Other	Power supply	The power adapter: DC 12V/1A
	Power dissipation	MAX 6W
	Temperature	Operating: -5℃ ~ +70℃
	Humidity	Operating: 5% ~ 90%
	Dimension (LxWxH)	168*115*28mm
	The warranty	1-year warranty

Ordering Information

Model	Description
ZP-KVM-DVI-1D1BA1GO	1Ch 1080P DVI + 1Ch USB KVM + 1Ch RS232 + 1Ch Bidi Stereo Audio + 1Ch GPIO over Fiber Extender, HDMI Loop Out, SMF, 20KM