

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

Overview:

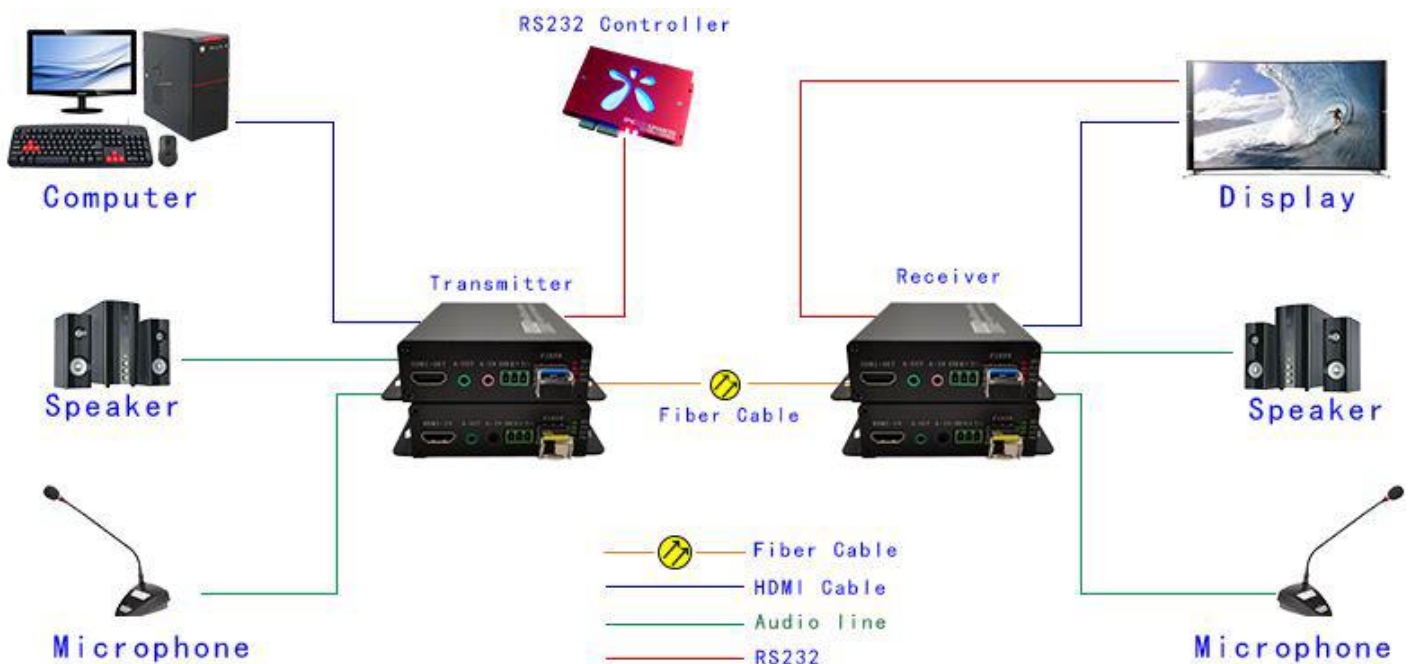
The HDMI Fiber optic extender provides extension of HDMI, bidirectional audio and RS232 over one fiber optic cable, it supports HDMI1.4 and MHL2.1 dual mode, it is fully compatible with MHL2.1, HDMI 1.4b, HDMI 1.4b 3D and HDCP 1.4, high resolution up to 1920*1200@60Hz. The extender can use for a wide range of applications requiring long distance transmission of high resolution with high quality by its good stability and powerful security.



Features:

- Transmits HDMI 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 HDMI 1.4B 3D and HDCP 1.2 standard
- Single-port MHL2.1/HDMI 1.4b receiver
- 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
- Support EDID

Application:



Specification:

Parameter		Description
Video	Standards	HDMI1.4B 3D; HDCP1.4
	Maximum pixel clock	165MHz
	Maximum data rate	6.75Gbps
	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 HDMI type A
	Impedance	100Ω
	HDMI Cable Range	<5Meter (Resolution up to 1920*1200@60Hz)
Audio	Interface	3.5MM external stereo audio
	Transmitter	1Ch Input + 1Ch Ouptut
	Receiver	1Ch Input + 1Ch Ouptut
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	Transmission@1920*1200@60Hz Multi-mode fiber: <500M Single-mode fiber: 20km
IndexOther	Power supply	The power adapter: DC 5~12V
	Power dissipation	MAX 4W
	Temperature	Operating: -20°C ~ +70°C
	Humidity	Operating: 5% ~ 90%
	Dimension (LxWxH)	92 x 57 x 23 (mm)