HDMI Fiber Optic Extender

ND8210HFU

FEATURES

- Transmits HDMI video and audio signals over a pair fiber optic cable；

- Support video resolution max up to 1920x1200@60Hz, 3D；

- Compliance with HDMI 1.3 standard；

- Support for independent audio input and output；

- Support EDID copy, can match many kind display device；

- Support RS232 transparent transmission；

- 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；

Newbridge®The HDMI Fiber optic extender provides extension of HDMI and 3D signals long distances over one fiber optic cable, it supports resolution max up to 1920*1200@60Hz,Support EDID copy . 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.

Specifications

Parameter		Description
Video	Standards	HDMI 1.3
	Maximum pixel clock	165MHz
	Maximum data rate	6.75Gbps
	Resolution range	Up to 1920*1200@60Hz, 3D
	Connector	HDMI-A Interface
	HDMI Cable Range	<5M(Resolution: 1920*1200@60Hz)
	Impedance	100Ω
RS232	Interface	Industrial terminal
	Signal direction	Unidirectional transmission
	Baud rate	Adaptive,max up to 115200 bps
	Data bit	8 bit
Optical fiber	Interface	SFP model – LC connector
	Fiber type	Single-mode
	Wavelength	Single-mode 1310nm
	Interface bandwidth	10Gbps
	Transmission distance	Single-mode fiber: standard 2km
Other	Power supply	The power adapter: DC 5V/2A or 12V/1A
	Power dissipation	MAX 5W
	Temperature	Operating: -5℃ ~ +70℃
	Humidity	Operating: 5% ~ 90%
	Dimension	107.71*100*27mm
	The warranty	1 year free warranty

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Panel

Transmitter:
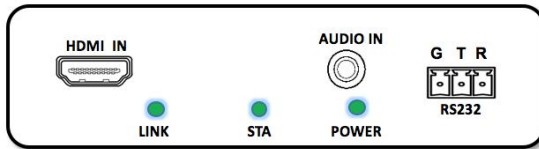

Receiver:
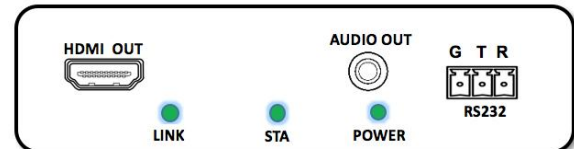
Port name	Description
DVI IN / DVI OUT	HDMI signal input/output
AUDIO IN / AUDIO OUT	Audio input / output
EDID	EDID Copy button, Press 3 seconds, copy EDID from HDMI IN display device to system .If HDMI IN interface no display connect, restore default EDID.
DC5-12V	Power adapter socket
RS232	RS232 interface
OPTICAL	SFP model --- LC connector(T: transmitter,R:receiver)
LED indicator	**Description**
LINK	Optical fiber signal connection indicator
STA	Video signal connection indicator
POWER	System power indicator

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Application
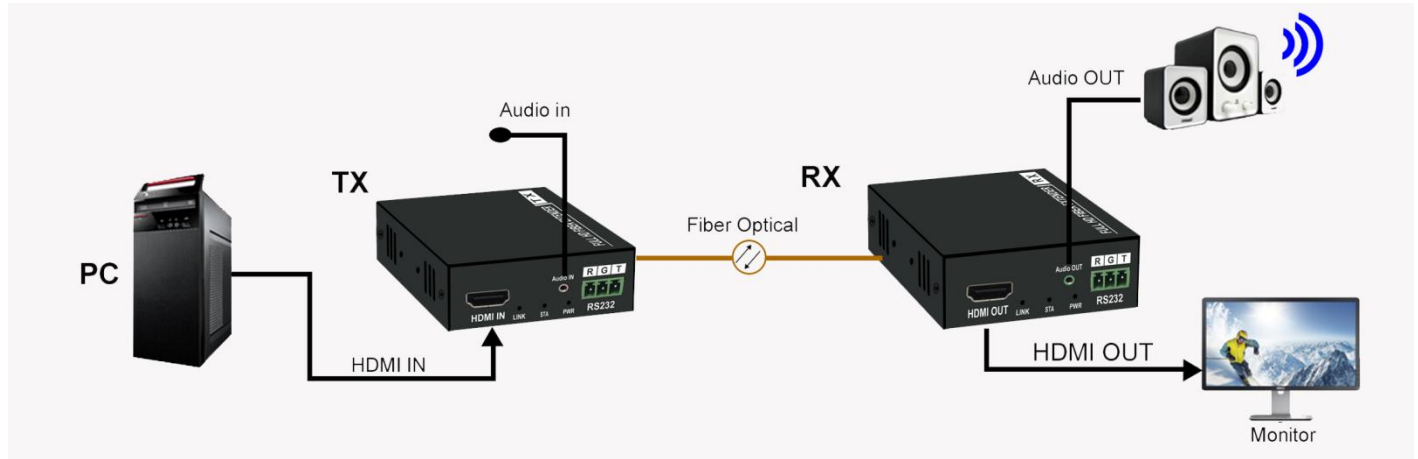
Order Information

Part No	Description of product	Unit
ND8210HFU	• Transmits HDMI video and audio signals over a pair fiber optic cable; • Support video resolution max up to 1920x1200@60Hz, 3D;	pair