

# HDMI Fiber Optic Extender

ND8210HFUK



## 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 USB keyboard and mouse;
- 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 KVM 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, Supports keyboard and mouse and 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.

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## 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
	DVI Cable Range	<5M( Resolution: 1920*1200@60Hz)
	Impedance	100Ω
USB	Interface	PC: Type B USB interface; connect to pc; K/M: connect USB keyboard and mouse;
	USB signal	HID Signal
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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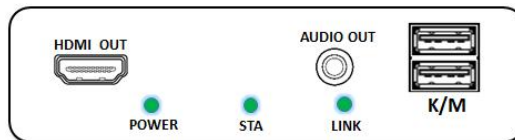


## Panel

### Transmitter:



### Receiver:



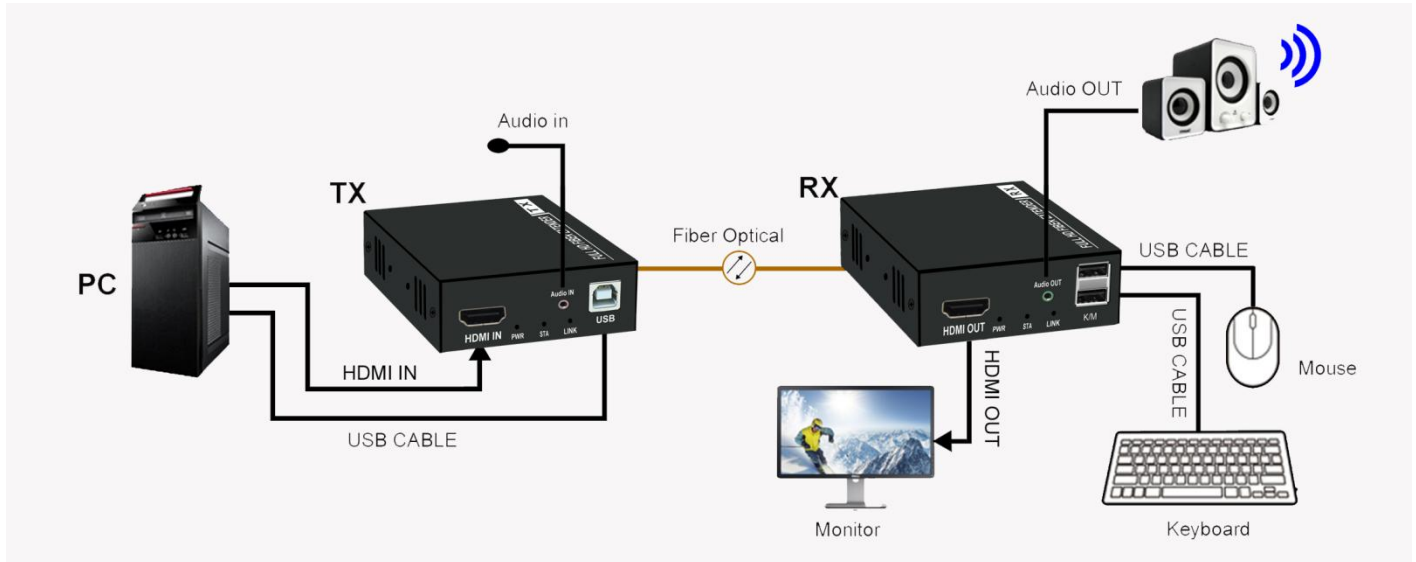
Port name	Description
HDMI IN / HDMI OUT	HDMI signal input/output
AUDIO IN / AUDIO OUT	Audio input / output
EDID	EDID Copy button, Press 3 seconds, copy EDID from HDMI IN display device to system .If HDMI IN interface no display connect, restore default EDID.
DC5V/2A or 12V/1A	Power adapter socket
PC IN	USB cable connect to PC
K/M	connect to keyboard and mouse
OPTICAL	SFP model --- LC connector
<b>LED indicator</b>	<b>Description</b>
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
ND8210HFUK	<ul style="list-style-type: none"><li>● Transmits HDMI video and audio signals over a pair fiber optic cable;</li><li>● Support video resolution max up to 1920x1200@60Hz, 3D;</li></ul>	pair