

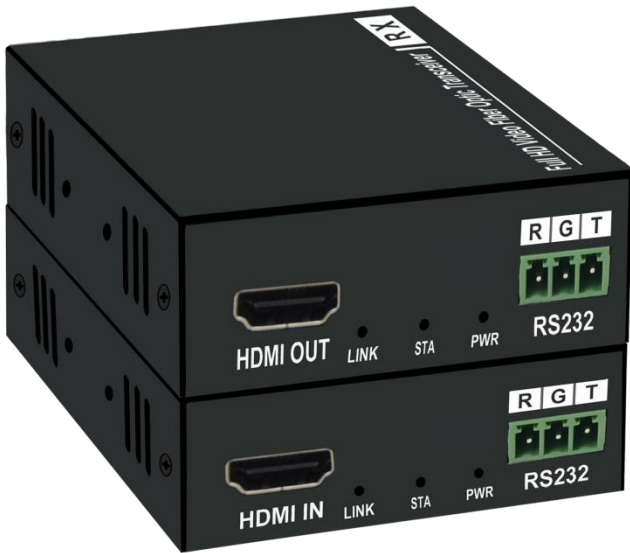
HDMI Fiber Optic Extender

ND8210HFU-4K30



FEATURES

- Transmits HDMI video signals up to 1-10km over a pair fiber optic cable ;
- Support video resolution max up to 4K*2K@30Hz, 1080p@60Hz; 3D ;
- Support EDID copy, can match many kind display device ;
- Support RS232 unidirectional transmission ;
- Compliance with HDMI 1.4 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 ;



Newbridge®The HDMI Fiber optic extender provides extension of HDMI and 3D signals long distances over one fiber optic cable, it supports high resolution up to 4K*2K@30Hz, EDID copy and RS232 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.

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Specifications

	Parameter	Description
Video	Standards	HDMI 1.4
	Maximum pixel clock	225MHz
	Maximum data rate	10Gbps
	Resolution range	Up to 4Kx2K@30Hz, 3D, 1920*1080@60Hz
	Connector	HDMI-A Interface
	HDMI Cable Range	<5M(Resolution: 1920*1080@60Hz)
	Impedance	100Ω
RS232	Interface	Industrial Terminal
	Signal Direction	Unidirectional
	Baud Rate	Self-adaptive,Max: 115200bps
	Data Bits	8
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 ; maximum 20km Multi- mode fiber: < 300M
Other	Power supply	The power adapter: DC 5-12V
	Power dissipation	MAX 4W
	Temperature	Operating: -5°C ~ +70°C
	Humidity	Operating: 5% ~ 90%
	Dimension	94*72*26mm
	The warranty	1 year free warranty

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Panel

Transmitter:



Receiver:



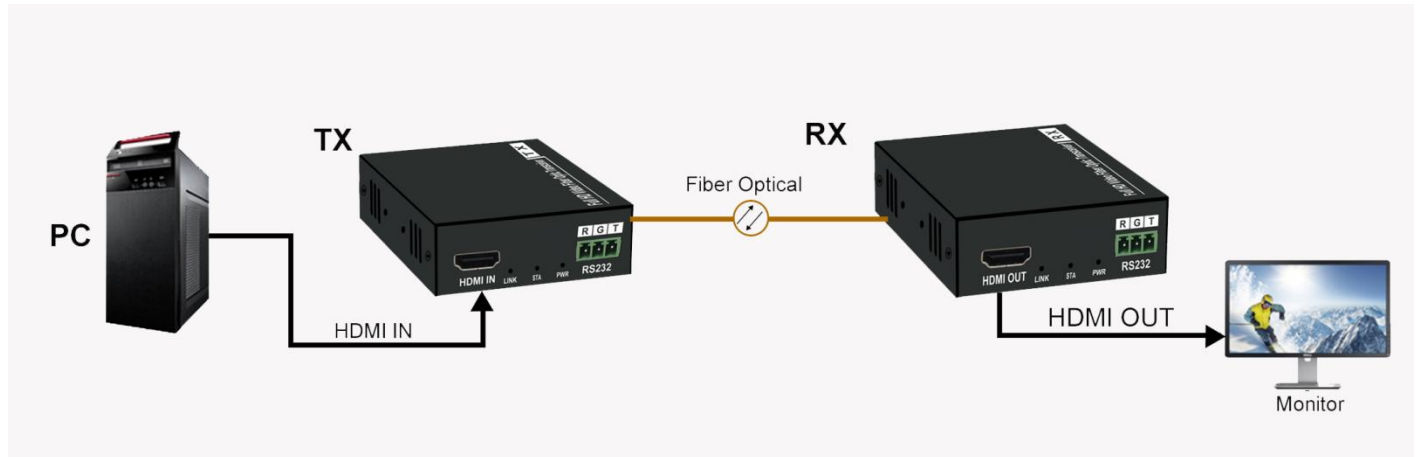
Port name	Description
IN PUT/OUT PUT	HDMI signal input/output
EDID	EDID Copy button, Press 3 seconds, copy EDID from HDMI IN display device to system .If HDMI IN interface no display connect, restore default EDID.
DC5-12V	Power adapter socket
RS232	Industrial Terminal
OPT IN/OPT OUT	SFP model --- LC connector
LED indicator	Description
LINK	Optical fiber signal connection indicator
STA	Video signal connection indicator
PWR	System power indicator

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Application



Order Information

Part No	Description of product	Unit
ND8210HFU-4K30	<ul style="list-style-type: none">● Transmits HDMI video and audio signals over a pair fiber optic cable;● Support video resolution max up to 4K*2K@30Hz;	pair