

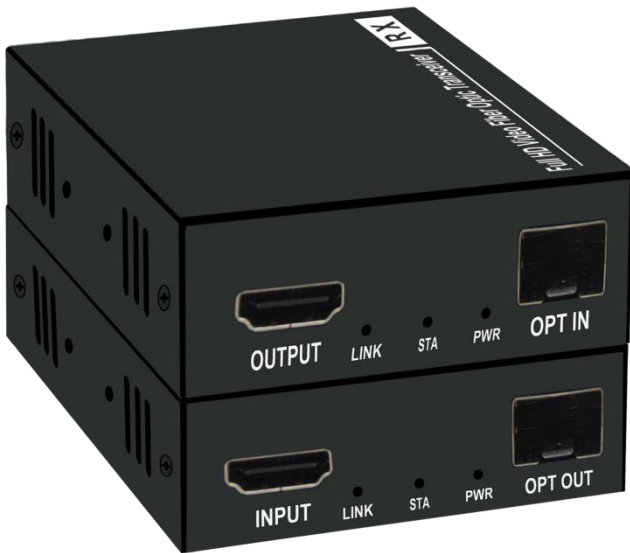
# HDMI Fiber Optic Extender

ND8210HFUK-4K30



## FEATURES

- Transmits HDMI video OM3 transmission 300 meter multimode dual core optical fibre;
- Support keyboard and mouse signal transmission ;
- Support video resolution up to 3840\*2160@30Hz, 1920\*1200@60hz, 1920\*1080P@60Hz, 3D signal;
- Transmits HDMI signals up to 300 meters over OM3 fiber optic cable, also support EDID and HDCP;
- Compliance with HDMI I 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, And at the same time support USB keyboard mouse long distance transmission function, EDID pass-thru 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.

# HDMI Fiber Optic Extender

ND8210HFUK-4K30



## Specifications

	Parameter	Description
Video	Standards	HDMI 1.4
	Maximum pixel clock	225MHz
	Maximum data rate	6.75Gbps
	Resolution range	Up to 3840*2160@30Hz
	Connector	Female HDMI type A
	Impedance	100Ω
K/M	Interface	PC: MINI-USB Keyboard And Mouse: USB-A
Optical fiber	Interface	SFP model – LC connector
	Fiber type	Multimode dual core
	Wavelength	Multimode optical fiber 850 nm
	Interface bandwidth	10Gbps
	Transmission distance	Double OM3 fiber: 300M(Support HDCP)
Other	Power supply	The power adapter: DC 5V/2A
	Power dissipation	MAX 5W
	Temperature	Operating: -5°C ~ +70°C
	Humidity	Operating: 5% ~ 90%
	Dimension	93*70*25mm
	The warranty	1 year free warranty

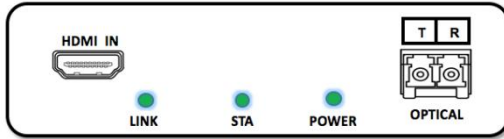
# HDMI Fiber Optic Extender

ND8210HFUK-4K30



## Panel

### Transmitter:



### Receiver:



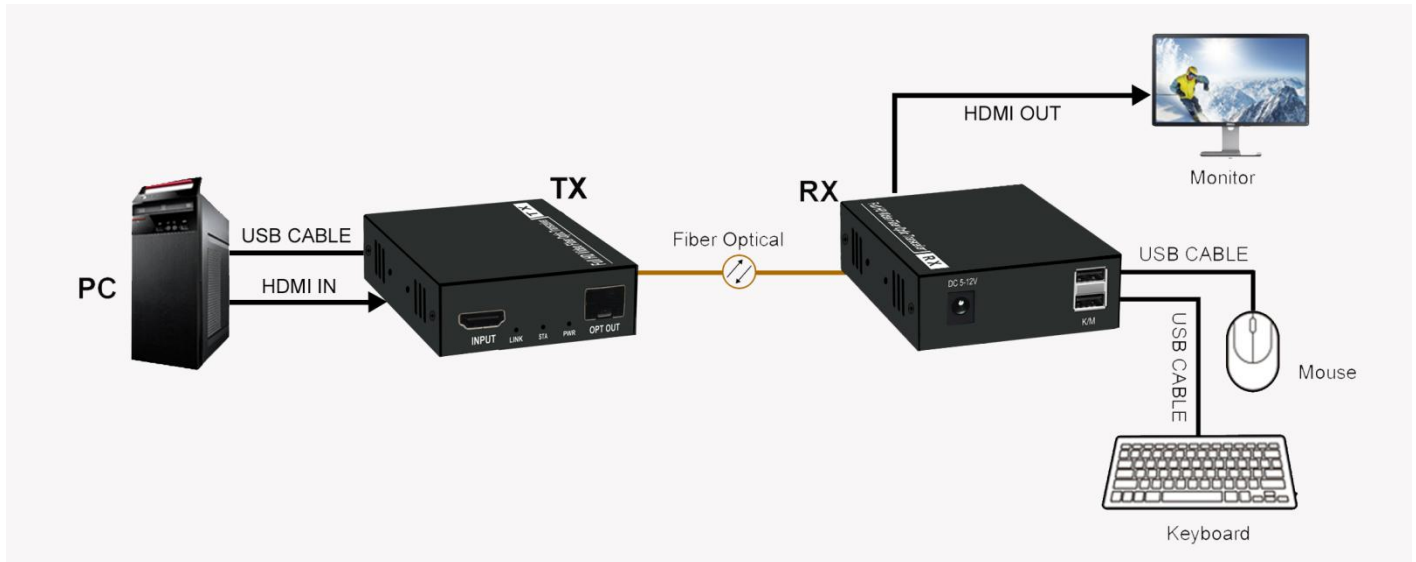
Port name	Description
HDMI IN/OUT	HDMI signal input/output
EDID	EDID Copy button, Press 3 seconds, copy EDID from HDMI IN display device to system .If HDMI IN interface no display connect, restore default EDID.
KM	PC: MINI-USB Keyboard And Mouse: USB-A
DC/5V	Power adapter socket
FIBER	SFP model --- LC connector
<b>LED indicator</b>	<b>Description</b>
LINK	Optical fiber signal connection indicator
STA	Video signal connection indicator
POWER	System power indicator

# HDMI Fiber Optic Extender

ND8210HFUK-4K30



## Application



## Order Information

Part No	Description of product	Unit
ND8210HFUK-4K30	<ul style="list-style-type: none"><li>● Transmits HDMI video OM3 transmission 300 meter multimode dual core optical fiber;</li><li>● Support keyboard and mouse signal transmission;</li><li>● Support video resolution up to 3840*2160@30Hz, 1920*1200@60hz, 1920*1080P@60Hz, 3D signal</li></ul>	pair