HDMI Fiber Optic Extender

ND8110HFK

FEATURES

- Transmits HDMI video and audio signals up to 20KM over a Fiber optic cable；

- Support video resolution up to 1920*1080P@60Hz；

- Supports over TCP/IP protocol, One-to-many applications with switches；

- Supports Stereo Audio over IP, independent to HDMI extension Support over TCP/IP；

- Supports USB (Keyboard, Mouse) extension over IP；

- Compliance with HDMI 1.3 and HDCP 1.2 standard；

- High compatibility, can auto-match source and display device；

- Built-in automatic adjustment system, make the image smooth, clear and stable；

- Simple to install, plug and play；

Newbridge® The Fiber optic extender provides extension of HDMI signals long distances over one fiber optic cable, it supports high resolution up to 1080P . 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; HDCP 1.2
	Compressed format	H.264
	Maximum pixel clock	165MHz
	Maximum data rate	6.75Gbps
	Resolution	1920X1080P@60Hz
	Connector	HDMI-A
	Impedance	100Ω
Audio	Interface	3.5mm earphone seat
	Channel	2.0 Stereo
USB	Interface	USB: Mini USB interface is connected to PC K/M: connect USB keyboard and mouse;
	USB signal	HID Signal
UTP	Interface	SC
	Transmission distance	20 KM
Other	Power supply	The power adapter: DC 12V
	Power dissipation	MAX 3.3W
	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:
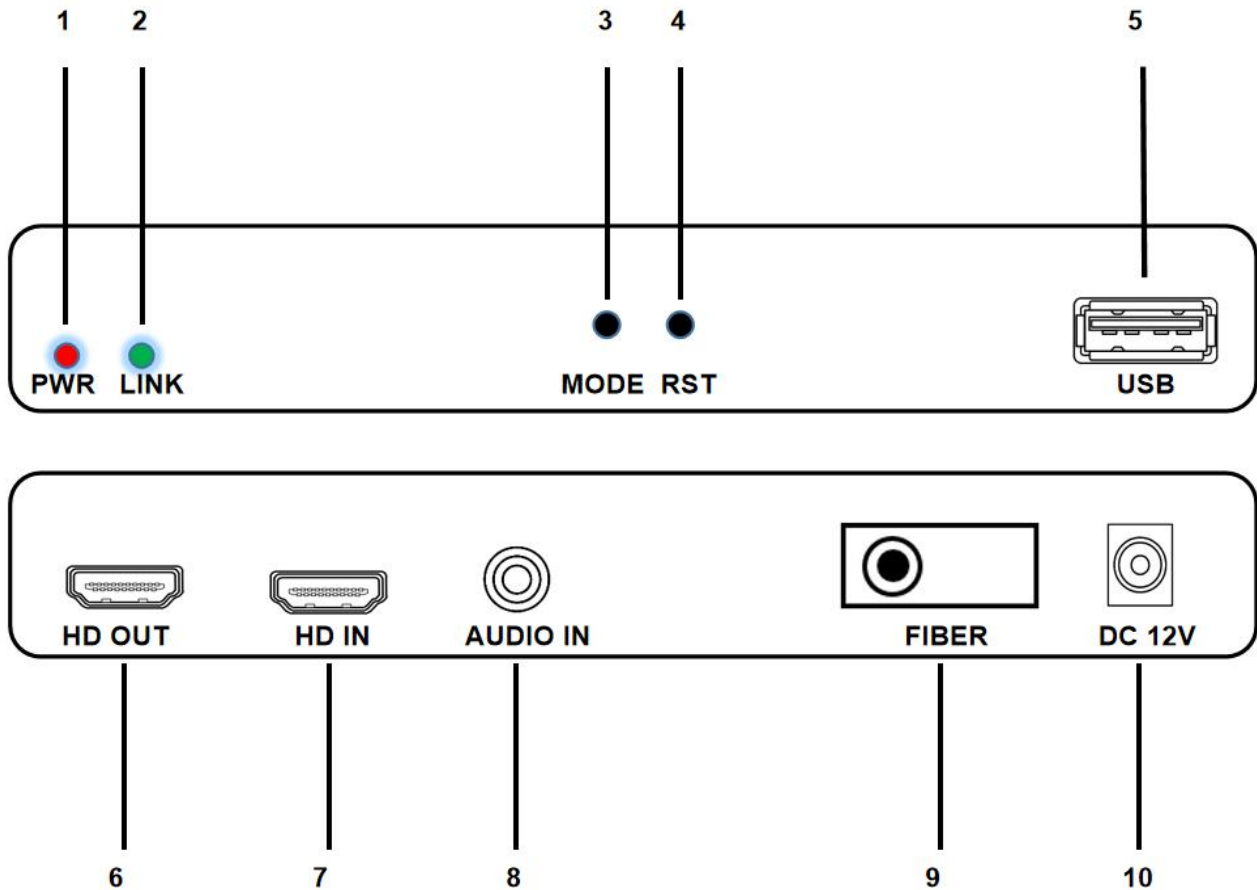
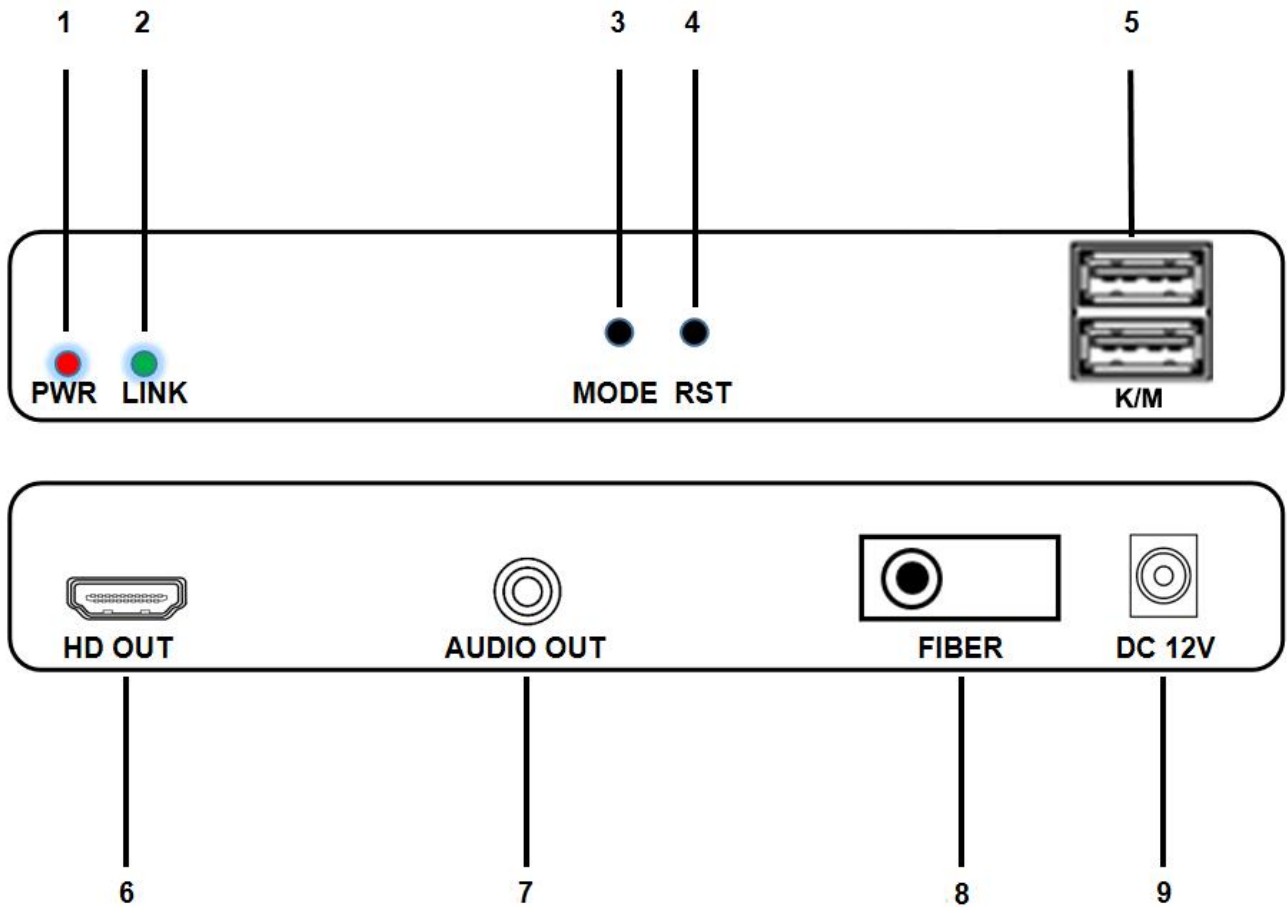| Item	Description
1	PWR light: Lit when the machine is powered on
2	Link light: Flashes during data transfer
3	MODE button: Click to start DHCP mode
4	RST keys: Press and hold to restore factory settings
5	USB port: Computer USB input 入
6	HD output port: HDMI display for connecting displays
7	HD input port: Connect to your device (computer host, notebook, or box)
8	AUDIO IN: Audio input
9	FIBER：Fiber output
10	DC 12V port: 12/1A power input is required

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Receiver:
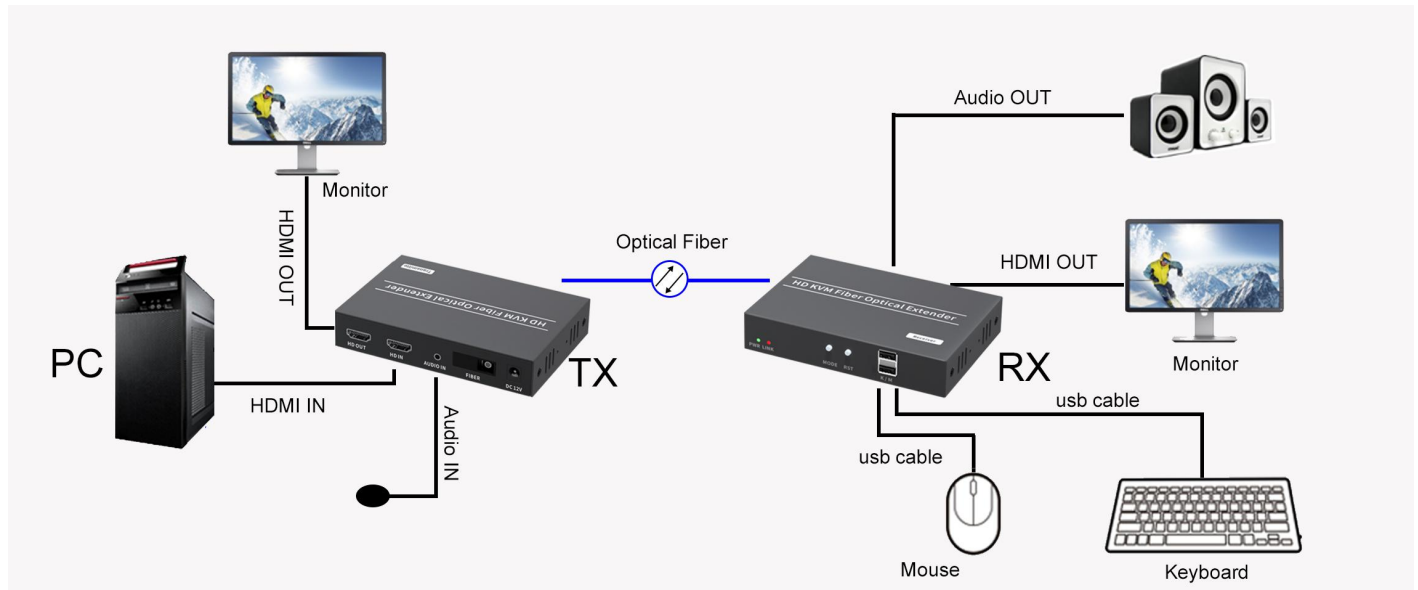

Item	Description
1	PWR light: Lit when the machine is powered on
2	Link light: Flashes during data transfer
3	Mode button: Click to switch Graph/Video display mode and the output will have a corresponding display alert
4	RST keys: Press and hold to restore factory settings
5	K/M port: Key mouse input
6	HD output port: HDMI display for connecting displays
7	AUDIO OUT：Audio output
8	FIBER：Fiber input
9	DC 12V port: 12/1A power input is required

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Application

Order Information

Part No	Description of product	Unit
ND8110HFK	• Transmits HDMI video and audio signals up to 20KM over a Fiber optic cable; • Support video resolution up to 1920*1080P@60Hz; • Supports USB (Keyboard, Mouse) extension over IP	pair