VGA Fiber Optic Extender

ND8110VFK

FEATURES

- Transmit video, audio, and KVM signals up to 20km distances over a pair optical fiber cable；
- Compliance with the VGA standard protocol, HD video signal resolution up to 1920*1080P@60Hz；
- Supports over TCP/IP protoco；
- Operate remotely by using the USB KVM function；
- Ability to automatically identify and configure various display modes
- Built-in automatic adjustment system, make the image smooth, clear, and stables；

Newbridge® The VGA KVM Fiber optic extender provides extension of VGA signals long distances over one fiber optic cable, it supports resolution max up to 1920*1080@60Hz,Supports keyboard and mouse . 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	VGA standard protocol; HDCP 1.2
	Maximum pixel clock	250MHz
	Maximum data rate	6.75Gbps

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|	Resolution	1920X1080P@60Hz
	Connector	VGA
	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 – SC connector
	Fiber type	Single-mode
	Wavelength	Single-mode 1310nm
	Interface bandwidth	10Gbps
	Transmission distance	Single-mode fiber: standard 20km
Other	Power supply	The power adapter: DC 12V/1A
	Power dissipation	MAX 5W
	Temperature	Operating: -5℃ ~ +70℃
	Humidity	Operating: 5% ~ 90%
	Dimension	121*103*27mm
	The warranty	1 year free warranty

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Panel

Transmitter:
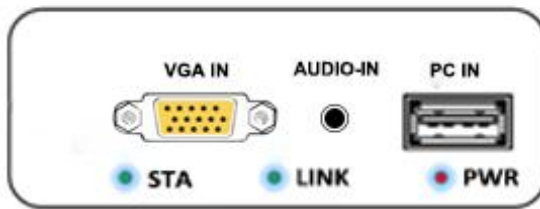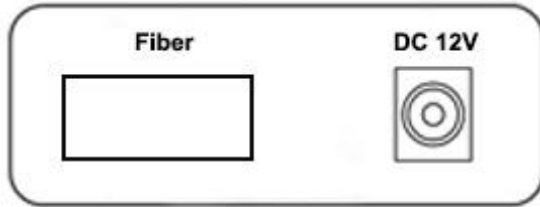

Receiver:
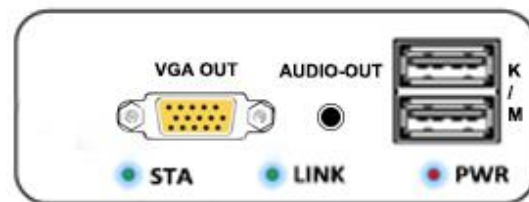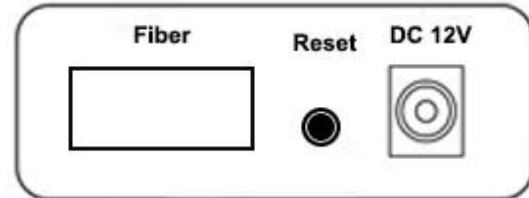
Port name	Description
HD IN/HD OUT	VGA signal input/output
AUDIO IN / AUDIO OUT	Audio input / output
RESET	System reset button, press 5 seconds
DC12V/1A	Power adapter socket
PC IN	USB cable connect to PC
K/M	connect to keyboard and mouse
OPTICAL	SFP model --- SC connector
LED indicator	**Description**
D(DATA)	DATA indicator
L(LINK)	Optical fiber signal connection indicator
S(STA)	Video signal connection indicator
P(Power)	System power indicator

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Application
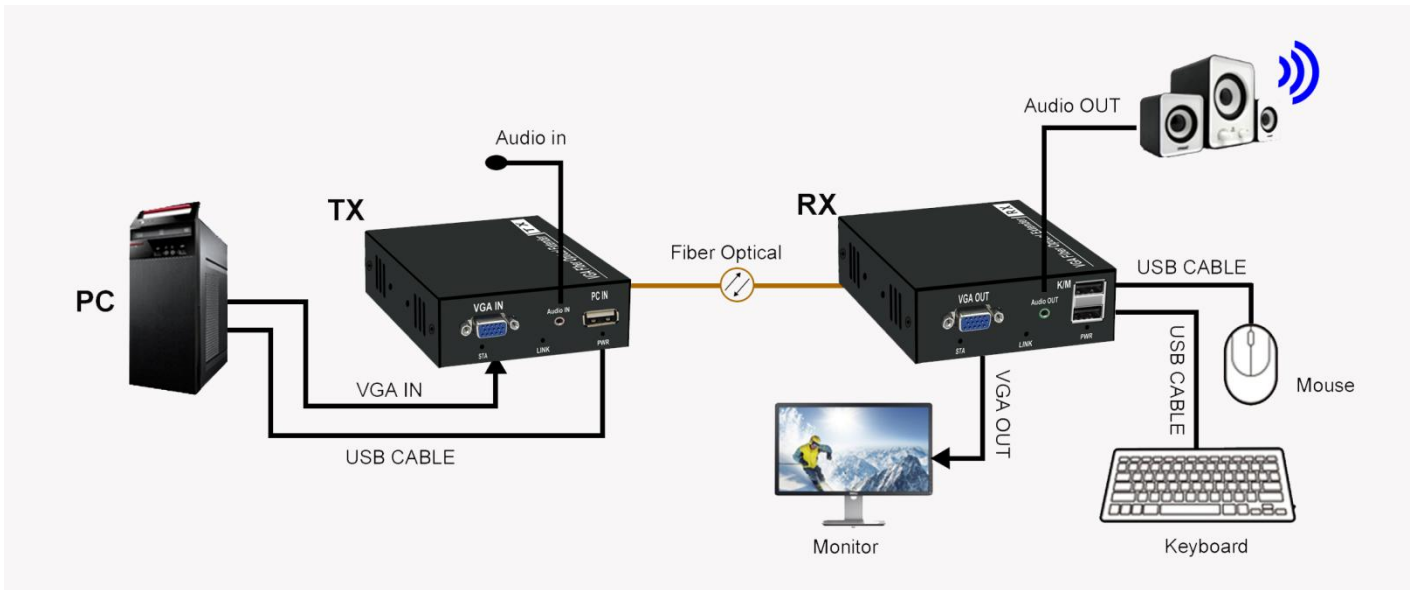
Order Information

Part No	Description of product	Unit
ND8110VFK	● Transmits VGA video and audio signals up to 20KM over a Fiber optic cable; ● Support video resolution up to 1920*1080P@60Hz;	pair