



KVM EXTENDER

Quick Installation Guide

1.Product Information

This product is composed of transmitter and receiver. It can extend the audio, video and USB of the mainframe computer or video recorder to the far-end through a single optical fiber cable.

The user will receive the image and the sound of the computer for real time at the far end and also can use the computer. In the same time, the user can also use the computer at the near end.

Our products can be used in monitoring, traffic police and traffic management, energy and power supply industry, government departments, medical systems, commercial display, multimedia function hall, public utilities and other fields.

Product features

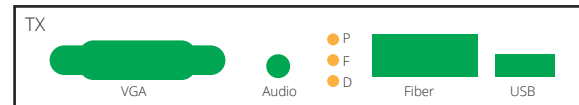
- Supports the max resolution 1920X1080@60Hz, input resolution by self-adaption, no need setting.
- Supports USB2.0.
- Supports the audio of HDMI cable.
- Supports USB keyboard and mouse.
- Fiber optical transmission distance can max reach up to 300 meters (multi-mode), and the single-mode transmission distance can max reach up to 100km.
- Single fiber transmission, have pure hardware design, no need to drive, compatible with any system, support plug and play.

Product parameters

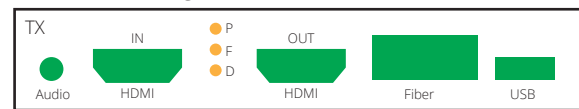
- Video input/output port: VGA/HDMI/HDMI
- Fiber connector: FC
- USB standard: USB2.0
- USB power-supply current: <500mA
- Audio connector: Distal 3.5mm stereo socket
- Keyboard and mouse ports: 2USB
- Power supply input: DC 5V/2A
- Transmission power: ≥-9.5dBm
- Fiber reception sensitivity: ≥-30dBm
- Working temperature: -20°C~+70°C

1.Product Connection Diagrams

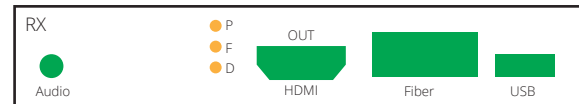
VGA interface diagram:



HDMI interface diagram:

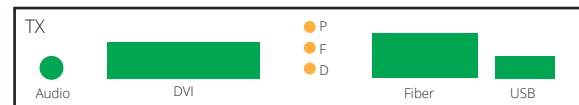


1. TX port: It is for transmitter A, IN input is connected to computer, OUT is connected to video loop and local display.
2. Audio: Audio connector which connected to the computer (It only can transmit audio when have video input).
3. Fiber: Fiber optical interface (LAN port, up to 100M).
4. USB: Using USB cable to connect computer.

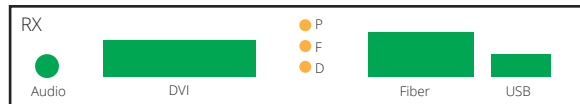


1. RX port: It is for receiver B, OUT is connected to the display or TV.
2. Audio: Audio connector which connected to the active speaker device (It only can transmit audio when have video input).
3. Fiber: Fiber optical interface (LAN port, up to 100M).
4. USB: It can be connected to a keyboard and a mouse (Note: This USB only support keyboard and mouse functions).

DVI interface diagram:



1. TX port: It is for transmitter A, DVI1 is connected to the computer.
2. Audio: Audio connector which connected to the computer (It only can transmit audio when have video input).
3. Fiber: Fiber optical interface (LAN port, up to 100M).
4. USB: Using USB cable to connect computer.



1. RX port: It is for receiver B, which is connected to the display or TV.
2. Audio: Audio connector which connected to the active speaker device (It only can transmit audio when have video input).
3. Fiber: Fiber optical interface (LAN port, up to 100M).
4. USB: It can be connected to a keyboard and a mouse (Note: This USB only support keyboard and mouse functions).

Installation steps:

1. TX is for transmitter which connect to the computer, R is for receiver which need connect to the display.

2. Indicator light

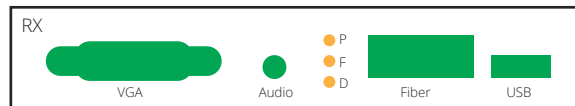
P Power light: It will always light up after power on.

F Fiber light: It always light up after fiber connected, and will not light up when fiber disconnected. The transmission distance of fiber is max up to 20KM, and the max attenuation of fiber optical is within - 7DB (LAN port is up to 100m).

D Data light: It will light up when the transmitter connected to the video signal, and this light will twinkle once there is data transmission.

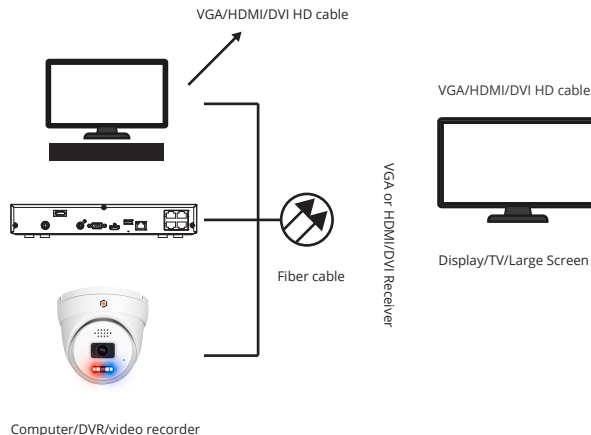
3. 5V power supply and LOW power consumption.

1. TX port: It is for transmitter A, and VGA is connected to the computer.
2. Audio: Audio connector which connected to the computer (It only can transmit audio when you have video input).
3. Fiber: Fiber optical interface (LAN port, up to 100M).
4. USB: Using USB cable to connect computer.



1. RX port: It is for receiver B, which is connected to the display or TV.
2. Audio: Audio connector which connected to the active speaker device (It only can transmit audio when have video input).
3. Fiber: Fiber optical interface (LAN port, up to 100M).
4. USB: It can be connected to a keyboard and a mouse (Note: This USB only support keyboard and mouse functions).

Connection Drawing:



MEMO

Pour le support technique, composé le 1(866)791-7020

Pour plus d'informations, veuillez consulter notre chaîne YouTube :



Scannez le code QR ci-dessous pour télécharger l'application OV Connect

