USB 3.0//2.0/1.1 To Fiber Optic Extender, also called USB 3.0//2.0/1.1 To Fiber Converter. The device includes a transmitter（client-side） and a receiver（host-side）, which can extend the SuperSpeed USB3.0 to a remote location over 1or 2 core fiber cable, max distance 250m (SM or MM fiber cable).

The device can extend high bandwidth USB 3.0 webcams and storage devices ,be widely used in military command and control system, police command and control system, traffic management system, energy and electricity supply industry, government office, medical system, commercial presentation, multimedia and public utilities , Kinect devices etc.

Product feature:

1, Max extension distance 250m (SM or MM fiber cable).
2, Duplex/Single LC fiber connecter, pure hardware design, no driver needed, compatible with all operation systems, support plug and play
3, Support USB3.0 SuperSpeed up to 5Gbps, USB 3.0 Type A Receptacle
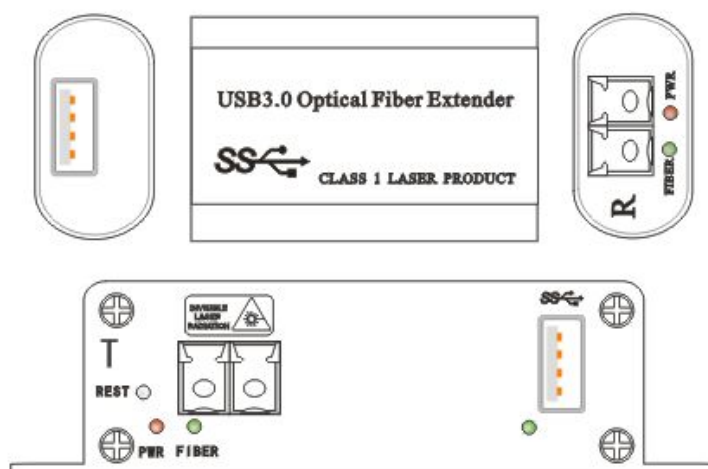4, Compatible with USB3.0, USB 2.0 and USB 1.1
5, Support Kinect devices

Product specification:

Optical	Connector	Duplex/Single LC
	Wave length	1310nm
Physical	Size (L× W ×H)	104mm x104mm x28mm
	Case	Aluminum
	Color	Black
	N.W.	0.75Kg
Power	Sender Voltage	5~12V DC
	Sender power consumption	<5W
	receiver power consumption	<2W
Environment	Working temperature	0℃-50℃
	Storage temperature	-40-85℃
	Humidity	0-95% (non-condensing)

Panel diagram：

Equipment powered sequence：

(1) Receiver（host-side）input USB3.0 port
(2) Transmitter（client-side）powered with the DC 5~12V adapter
(3)The USB3.0 device connect to the transmitter（client-side）
Note：
After fiber is connected, the fiber indicator is on, otherwise off. After the USB device is inserted, the USB indicator will be on, otherwise off. If the host PC does not recognize the device, you can carry out the following operations:
1 press the the REST key of transmitter（client-side）5 seconds, restart the device.
2 Connect another USB3.0 interface of host PC.
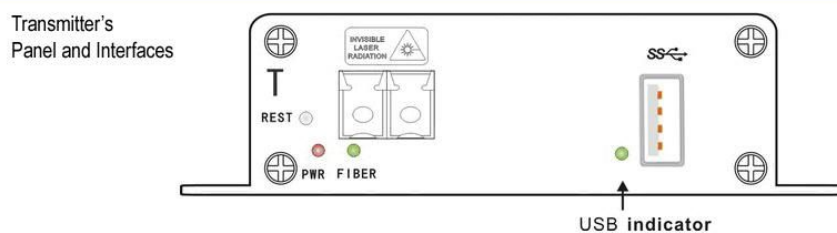3 uninstall the "USB3.0 hub" in the device manager, re-connect.
When the device is working, do not plug USB3.0 and fiber cable, so as to avoid the equipment does not work properly.

Connection diagram: