PCI-E To USB3.0/2.0/1.1 Over Fiber, the device includes a PCI-E to USB3.0 fiber expansion card（host-side）and a transmitter（client-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), also can split 1 USB3.0 interface to 4 USB3.0 interface.

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.

Application

1. Industrial video transmission
2. Machine vision system
3. HD video surveillance system
4. High - speed data acquisition system
5. Remote storage
6. Digital signage and TV wall
7. Industrial printer system
8. Kinect devices

Product feature:

1, Compliant with PCI Express Base 2.0 Specification

2, Compliant with xHCI Specification Revision 1.0

3, Max extension distance 250m (SM or MM fiber cable).

4, Duplex/Single LC fiber connecter,

5, Pure hardware design, no driver needed, support plug and play

6, Compliant with Windows 8，Windows 8.1，and Windows 10   operation systems,

7, Support USB3.0 SuperSpeed up to 5Gbps, 4 USB 3.0 Type A Receptacle

8, Compatible with USB 2.0 and USB 1.1

Product specification:

Optical	Connector	Duplex/Single LC
	Wave length	1310nm/1270/1330nm
Physical	Size (L× W ×H)	104mm x104mm x28mm
	Case	Aluminum
	Color	Black
	N.W.	0.5Kg
Power	Sender Voltage	5~12V DC
	sender power consumption	<15W
	receiver power consumption	<2W
Environment	Working	0℃-50℃

temperature	
Storage temperature	-40-85℃
Humidity	0-95% (non-condensing)

Equipment powered sequence：

(1) PCI-E to USB3.0/2.0/1.1 fiber expansion card plug in the PC PCI-E slot

(2) Transmitter（client-side）powered with the DC 12V adapter

(3) Connect the PCI-E to USB3.0 fiber expansion card and transmitter with fiber optics

(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.

Connection diagram: