

USB2-FOSC-4

4-port USB 2.0 Fiber Extender

User Manual



● Overview

The XTENDEX® 4-Port USB 2.0 Extender via Fiber Optic Cable extends four USB devices up to 820 feet (250 meters) using a single SC singlemode or multimode fiber optic cable. Use a simplex SC 9-micron singlemode or 50/62.5 micron multimode fiber optic cable to extend the receiver from the transmitter up to 820 feet (250 meters). (Cables not included.) The device can be widely used in military command and control systems, police command and control systems, traffic management systems, energy and electricity supply industries, government offices, medical systems, commercial presentations, multimedia and public utilities etc.

● Product Features

- 1, Maximum extension distance 250m (SM or MM fiber cable).
- 2, Single fiber transmission, pure hardware design, no drivers needed, compatible with all operation systems, supports plug and play
- 3, Auto recognition of High-speed (25Mbps~480Mbps)、Full-speed (500Kbps~12Mbps)、Low-speed (10Kbps~1.5Mbps) USB devices.
- 4, Supports USB1.1 and USB 2.0 devices, cameras, printers, U disk, scanners, audio devices, touch screens, game controllers, mouse and keyboard, etc.

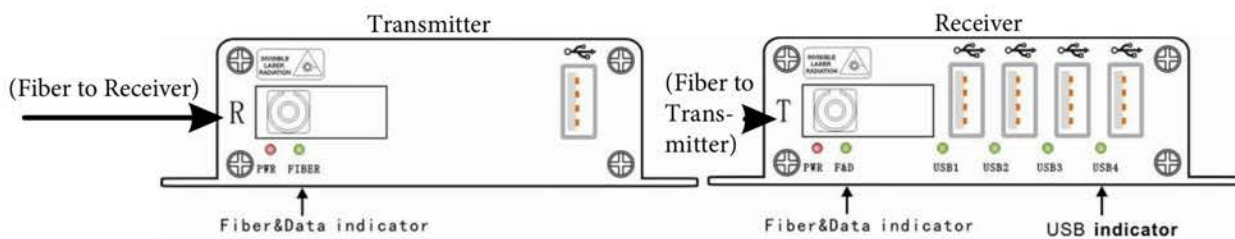
● Product Specifications

Optical	Connector	SC
	Wave length	1310nm/1550nm
Physical	Size (L× W ×H)	104mm x104mm x28mm
	Case	Aluminum
	Color	Black
	N.W.	0.75Kg
Power	Voltage	5V DC
	sender power consumption	<5W
	receiver power consumption	<12W
Environment	Working temperature	-20°C -70°C
	Storage temperature	-40-85°C
	Humidity	0~95% (non-condensing)

● USB Interface

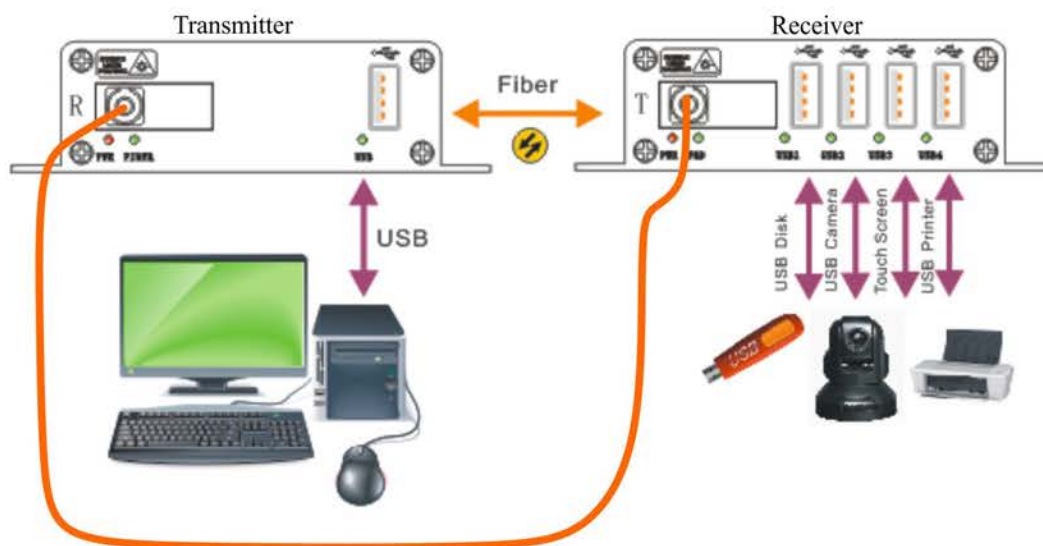
TX	1 USB port, connect the host USB interface using the supplied high quality USB cable, If the host can provide more than 3W power, it is better to use the host USB port for power supply (no external power supply)
RX	4 USB ports, connect to USB devices, max 500mA per port

● Panel Diagram



Note: When the fiber and data are connected, the F & D indicator will flash. It is otherwise OFF. The USB indicator is ON when the USB device is plugged into the Receiver. It is otherwise OFF. If the indicator does not illuminate, disconnect and re-connect the USB device (USB1-USB4).

● Connection Diagram



**SM/MM Fiber Optic Cable
up to 820 Ft (250 Meters)**

● Packaging Includes:

- 1- USB Extender Transmitter
- 1- USB Extender Receiver
- 1- 5V/3A Power Supply (For Receiver only)
- 1- 0.5 meter USB Type A Male -USB Type A Male cable
- 1- Manual slip with link to product manual