

Model : ATZ FO-UCE304
Description: 4-Ports USB 3.0 Extender over Optical Fiber (250m)



TX



The USB 3.0 fiber extender transmits USB 3.0 signals at 5Gbps to 250 meters through two or one optical fibers, and can also expand one USB 3.0 interface to four USB 3.0 interfaces.

The USB 3.0 fiber extender uses a dedicated USB 3.0 PHY to meet the USB 3.0 protocol requirements, and uses SFP+ to complete the photoelectric conversion to achieve stable transmission of USB 3.0 Super Speed signals. The USB 3.0 fiber extender consists of a transmitter and a receiver. The transmitter is powered by a USB 3.0 A-type connector, and the transmitter is powered by an external power supply, and provides power to the USB 3.0 device through the USB 3.0 A-type connector

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Features:

- USB 3.0 input expanded to 4 USB 3.0 outputs;
- USB 3.0 type A interface, LC optical port.
- Support USB 3.0 5Gbps bandwidth;
- Support single-mode or multi-mode optical fiber transmission distance up to 250 meters;
- Support USB 3.0 Super Speed high-speed signal transmission;
- Support USB 3.0 devices, but Not backward compatible with USB 2.0 and USB 1.1;
- Support audio output format: PCM2
- Support 12V power supply;

Specifications:

Fiber port:

Optical Fiber: Single/Dual Fiber

Connector: LC (SFP)

Wavelength: 850nm/1310nm for multi-mode; 1310nm/1550nm for single-mode

Transmission distance: 0-250 meters

Typical transmission power:

Single-mode 1310/1550nm: $\geq -9\text{dBm}$

Multi-mode 850nm: -18dBm

Multi-mode 1310nm: -25dBm

Receive Sensitivity Range: $-28\text{dBm} \sim -40\text{dBm}$

USB 3.0 Port:

Standard: USB 3.0

Rate: 5Gbps/s

USB 3.0 input: 1*USB 3.0 A-type receptacle

USB 3.0 output: 4*USB 3.0 A-type receptacle

Working Environment:

Operating temperature: $-10^{\circ}\text{C} \sim +60^{\circ}\text{C}$

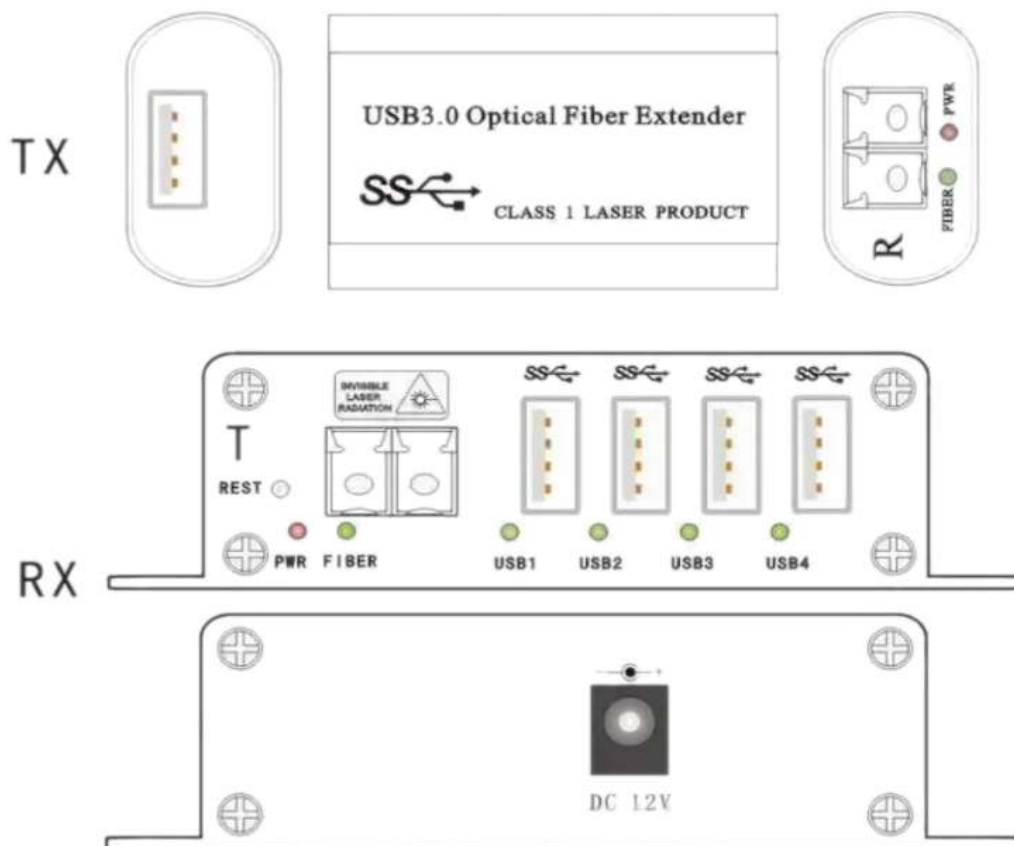
Storage temperature: $-40^{\circ}\text{C} \sim +85^{\circ}\text{C}$

Storage humidity: 0%—95% (non-condensing)

MTBF: > 100,000 hours

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Product interface:



System Requirement:

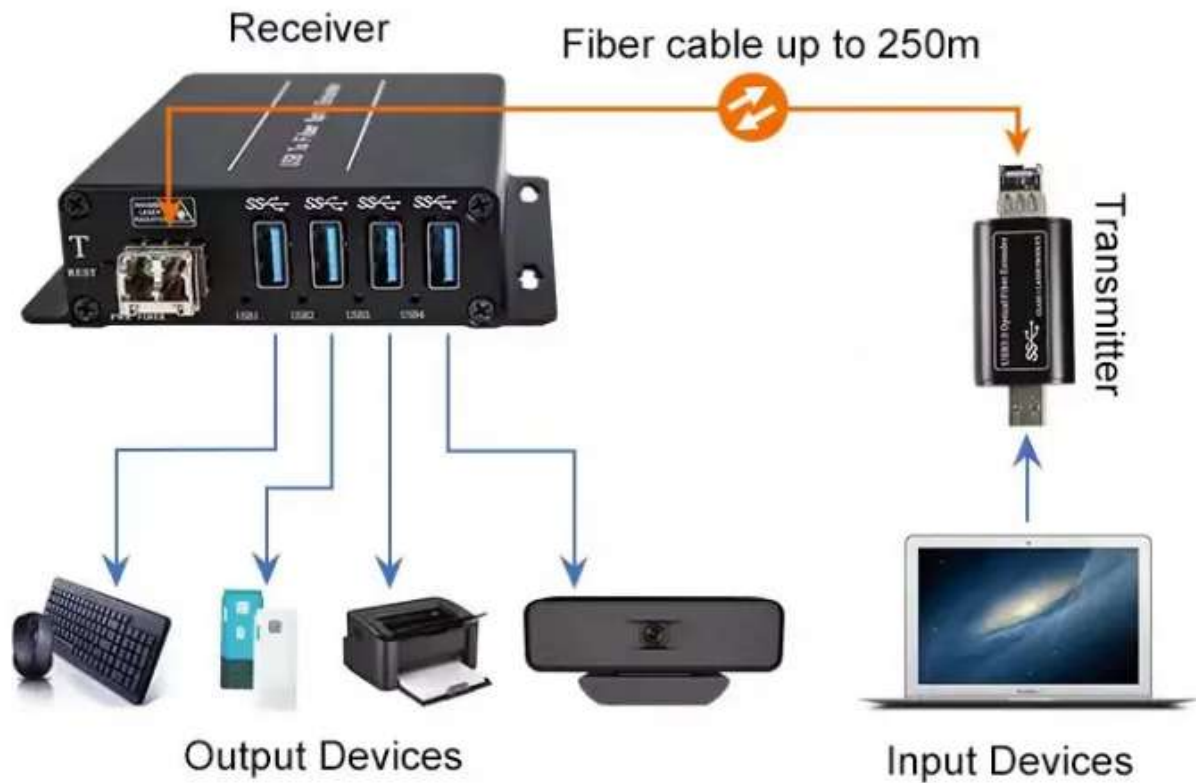
Windows XP / Vista / 7 / 8 / 10 / 11, Mac OS and above

Package Contents :

- 1x USB 3.0 over Fiber Transmitter
- 1x USB 3.0 over Fiber Receiver
- 1x 12V/1A power adapter

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Product Diagram:



Warranty: 2 Years

Warranty is effective from the date of original delivery.

This warranty shall be void if a serial number has been removed from the product.