Type: Sepitam-USB3-T/R
USB 3.0 Fiber Modem

Overview :

The Sepitam-USB3-T/R optical terminal consists of transmitter and receiver. The USB interface (USB3.0) of the host is extended to the far end through single-mode or multi-mode optical fiber and expanded to four USB ports. The maximum transmission distance is 80km (single-mode fiber). It supports 3.0 types of high-speed cameras, hard drives, printers, scanners, audio devices, touch screens, game controllers and other devices, and does not support usb2.0/usb 1.1 downward. The products can be used in many fields like: video conference, multimedia information release, government departments, medical system, commercial exhibition, multimedia function hall, security monitoring, public utilities and so on.

Features :

♦ It is compatible with USB3.0 protocol and supports USB camera, printer, USB disk, scanner, touch screen and other devices;

♦ Use special technology to ensure that USB interface of USB 3.0 optical transceiver will not out of work when the optical fiber is reconnected or power down;

♦ Speed: 5Gbps / s, no delay, ，don't support USB2.0/USB 1.1;

♦ Transmission distance (multi-mode): 0-300m，single mode is 0-80KM ；

♦ The optical fiber is extended to the far end to be 4 USB ports, with the maximum total current of 2000mA;

♦ Transmission characteristics: USB3.0 real-time transmission;

♦ Four USB 3.0 interfaces can be connected to USB hub extension;

♦ Low RF / EMI, suitable for sensitive electromagnetic environment applications;

♦ Optical fiber transmission, no need to drive, compatible with any system, it can work as long as you plug in power;

♦ Optical power supply：AC220V、DC-48V/DC24V;

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Fiber :

Fiber port：1

single core/ dual core

Connector：LC(SFP)

Wavelength:850nm/1310 for multi mode;

1310nm/1550nm(single mode)

Transmission distance: 0~80Km（normally 0-10KM）

Typical output power:

Single mode 1310/1550nm：≥-9dBm

Multi mode 850nm：-18dBm

Multi-mode 1310nm: -25dBm

Receiver Sensitivity：-28dBm~- 40dBm

USB3.0 :

Standard: USB3.0

Rate：5Gbps/s

USB3.0 input：1*USB3.0 A type female plug

USB3.0 output：3*USB3.0 A type female plug

Total current: Max 2000mA

Working environment :

Operating temperature：-10℃−+60℃

Storage temperature：-40℃−+85℃

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

MTBF：   ＞100,000 hours

Specifications :

Model	Sepitam-USB3-T/R
Function	Transmit 1*USB3.0 over fiber and expand to four USB interfaces at the remote end
Port	1*LC/SFP；1/4*USB3.0
Power	AC220V / DC-48V / DC+24V（optional power）
Size	(L×W×H) 93*70*26mm desktop type
Weight	0.75Kg/piece

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Technical Specification of

Sepitam-USB3-T/R

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