

USB 3.2 Gen 1 Extender over SM Fiber (350M)



Tx



Rx



LAN-0332-S

USB 3.2 Gen 1, 350M Single-mode Fiber Extender System

The **LAN-0332-S** extender provides the ability to extend the distance of your USB 3.2 Gen 1 (5G) device up to 350m over Single-mode fiber. The Device unit also supports USB Type-C devices using a conversion cable. It overcomes the copper USB cable length limitation without EMI concern, making it ideal for sensitive environment. This system is Plug-and-Play without having to install software or drivers to offer a fast and easy solution for home, campus or business applications.

● Features

- Extend long distance USB 3.2 Gen 1 connection up to 350m (Single-mode fiber).
- Supports Type-C conversion cable at Device unit.
- Plug-and-play, no driver or software required.
- Supports all USB 3.2 Gen 1 devices.

● Applications

- Security and Monitoring.
- Remote storage.
- Conferencing cameras extension.
- Microsoft Kinect extension.
- Google camera extension.
- Logitech BRIO 4K Pro camera extension.



● Application Diagram



● Specifications

LAN-0332-S	
Extension Range	
Point-to-Point	Up to 350M* over Single-mode Fiber * The maximum possible extension distance depends on your host side USB machine.
Key Parameters	
USB Speed	SuperSpeed 5Gbps
USB Connector	Host Unit: micro-AB; Device Unit: Type-A
Device Compatibility	USB 3.1 Gen1 Devices*
Host Compatibility	USB 3.1 Host Computer
Available Current at Device Unit	900mA (4.5W)
*Able to support USB Type-C conversion cable at Device unit.	
Environmental	
Temperature	*Operation: 0°C ~ 50°C; *Storage: -20°C ~ 70°C
Humidity	*Operation: 20 ~ 80%; *Storage: 10 ~ 90% *Relative Humidity, Non-Condensing.
Host Unit Outline	Device Unit Outline
57(W)*93(D)*28(H)mm	57(W)*93(D)*28(H)mm
USB 3.1 micro-AB receptacle*1	USB 3.1 standard-A receptacle*1
Duplex LC*1	Duplex LC*1
Power Consumption: 5V/127mA	Power Consumption: 5V/245 mA (not includes device)
Net weight : 125g	Net weight : 129g
Package Contents	
Host Unit*1	Device Unit*1
5V/3A Adaptor*1	Multi-Country Power Cord*1 set
Package weight : 637g (1 set)	Package size : 151(W)*112(D)*127(H)mm (1 set)
Safety Regulation	
CE and FCC Approved	

◆ Ordering Information
LAN-0332-S (EU, UK, AU, US plugs are included)