FireNEX™ -5000H+

2-Port USB 3.0/2.0/1.1 Optical Fiber Repeater

Data Sheet

Description

FireNEX-5000H+^{TM} is the latest USB SuperSpeed optical fiber extension solution from Newnex. In addition to the capability of extending USB SuperSpeed 5Gbps data up to 300 meters via a optic fiber cable, It can also support USB 2.0/1.1 lower speed peripherals which are still widely used.

FireNEX^{TM}-5000H+ contains one Local Unit for connection to the host computer and one Remote Unit with two stacked USB Type-A Downstream Ports for device connections. The USB ports on both Local Unit and Remote Unit are all featured with USB3 Vision standard compliant locking ports to ensure interconnections with cables are secure.

Features

- 100% Plug and Play
- Support 5Gbps SuperSpeed USB 3.1 Gen 1
- USB 2.0/1.1 Backward Compatible with Windows OS
- Extension Distance up to 300 meters
- Compact Size and Light Weight
- Durable Metal Enclosure
- AIA USB3 Vision® Compliant Locking Ports
- RoHS Compliant

Included in the Box

1x FIRENEX-5000H+ Local Unit
1x FIRENEX-5000H+ Remote Unit
1x 12V DC Power Adapter (US)
1x USB A to B Host Cable, 1m
1x FIRENEX-5000H+ User Manual

Ordering Information

Please contact Newnex sales team or your local distributors for ordering information, at **newnex.com/wheretobuy.php**. For technical information and support, please visit Newnex Technology Corp's web at **www.newnex.com** or contact 1-408-986-9988

Specification

RANGE

Max. Extension	Up to 300m (1,000 ft.)

DATA RATE

USB 3.0 SuperSpeed	5 Gb/s
USB 2.0/1.1	Backward Compatible on Windows OS

LOCAL Unit

Dimensions	106 x 45.4 x 27mm (4.17 x 1.79 x 1.06'')
Weight	135 g
Enclosure Material	Anodized Aluminum
USB Connector	1x USB 3.0 Type-B Locking Port Compliant with AIA USB3 Vision Standard
Optical Connector	1x Duplex LC Connector
Power Source	5V USB Bus Powered

REMOTE Unit

Dimensions	106 x 45.4 x 27mm (4.17 x 1.79 x 1.06'')
Weight	139 g
Enclosure Material	Anodized Aluminum
USB Connector	2x USB 3.0 Type-A Locking Port Compliant with AIA USB3 Vision Standard
Optical Connector	1x Duplex LC Connector
Power Input	12-24V DC
Power In Connector	2.1mm Center Positive
USB Power Output	2500mA for each USB Port

COMPATIBLE FIBER CABLE

Length	Up to 300m (1,000 ft.)
Type	OM3 or OM4, 50/125µm, Multi-mode, Duplex LC

POWER SUPPLY

AC Power Plug Type	US/EU/UK/CN
Power Input	100-240V AC, 50/60Hz, 0.8A
Power Output	12V DC, 2.5A

ENVRIONMENTAL

Operating Temperature	-10°C to 85 °C (14°F to 185°F)
Storage Temperature	-65°C to 150 °C (-85°F to 302°F)
Operating Humidity	20% to 80% relative humidity, non-condensing
Storage Humidity	10% to 90% relative humidity, non-condensing

COMPLIANCE AND COMPATIBLITY

Connectivity	USB 3.0
Machine Vision Mechanical	AIA USB3 Vision® Compliant
EMC	FCC, CE
Environmental	RoHS
Laser Safety	IEC 60825-1 Class 1/CDRH Class 1 laser eye safe

SUPPORT

Warranty	1-year Manufacture Warranty