

FireNEX™-5000C



4-Port USB 5Gbps Fiber Optic Repeater

Data Sheet



Description

The FireNEX™-5000C is capable of extending all USB 3.1 Gen 1 (USB 3.0) SuperSpeed 5 Gbps devices up to 200 meter (650 feet) via one single mode fiber optic cable. FireNEX™-5000C comes with four downstream USB-A ports that support 5Gbps SuperSpeed USB data transfer as well as backward compatibility with all types of USB 2.0/1.1 devices, such as mouse and keyboard.

FireNEX™-5000Plus is ideal for applications including machine vision, pro AV, medical imaging, and etc.

Features

- USB 3.1 Gen 1 (USB 3.0) SuperSpeed 5 Gbps Extension up to 200m
- USB 2.0/1.1 Backward Compatible
- USB-C enabled host connection
- Industrial Grade Metal Enclosure
- Plug and Play
- Wall Mount Ready
- RoHS Compliant
- FCC and CE Compliant

Specification

RANGE

USB 3.1 Gen 1 (USB 3.0) Up to 200m (650 ft.)

DATA RATE

USB 3.1 Gen 1 5 Gb/s
USB 2.0/1.1 Compatible

Local Unit

Dimensions 175 x 93 x 29mm (6.9 x 3.7 x 1.1")
Weight 425g
Enclosure Material Aluminum
Upstream USB Port 1x USB Type-C
Optical Connector 1x Duplex LC Connector
Power Input via 5V USB Bus

Remote Unit

Dimensions 175 x 93 x 29mm (6.9 x 3.7 x 1.1")
Weight 430g
Enclosure Material Aluminum
Downstream USB Port 4x USB-A
Optical Connector 1x Duplex LC Connector
Power Input 12 V DC
Power In Connector 2.1mm Center Positive
USB Power Output 1500mA for each USB Port

FIBER OPTIC CABLE

Length Up to 200m (650 ft.)
Type 9/125 Single mode, LC to LC, Duplex

POWER SUPPLY

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

ENVIRONMENTAL

Operating Temperature -0 °C to 60 °C (32 °F to 140 °F)
Storage Temperature -10 °C to 85 °C (14 °F to 185 °F)
Operating Humidity 20% to 80% relative humidity, non-condensing
Storage Humidity 10% to 90% relative humidity, non-condensing

COMPLIANCE AND COMPATIBILITY

EMC FCC, CE
Environmental RoHS

SUPPORT

Warranty 1-year Manufacture Warranty
