

FireNEX-uHUB™



USB 3.0 Industrial Hub with USB3 Vision Locking Ports

Data Sheet



Description

Newnex FireNEX-uHUB™ is the world's first USB3 Vision compliant industrial hub. It features one upstream USB 3.0 B port and four downstream USB 3.0 A ports that are all with the USB3 Vision Standard compliant locking.

In addition, the FireNEX-uHUB™ has a DC power input for voltage between 10V and 40V for industrial use.

Furthermore, it is constructed using a metal case to increase durability and the ability to sustain the tough industrial environment. FireNEX-uHUB™ is also featured with a metal bracket for wall or din rail mount.

The FireNEX-uHUB™ has been tested extensively by our engineers and our customers. It is proven to be compatible with most USB 3.0 Machine Vision cameras currently available, including Basler Ace, Point Grey Grasshopper and Flea3, Lumenera Lt225, the Imaging Source DMK and DFK, Ximea XiQ, IDS uEye and Matrix Vision ivBlue.

Features

- Full SuperSpeed USB 3.0 at 5 Gbps
- USB3 Vision Compliant Locking
- Wall mount and DIN rail mount ready
- 12-24V industrial DC power input available
- Backward compatible with USB 2.0
- Plug and Play
- Metal enclosure for industrial level durability and EMI protection
- RoHS Certified
- Works with all major OS: Windows, MAC OS X, and Linux

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



Upstream Side



Downstream Side

Specification

DATA RATE

USB 3.0 SuperSpeed	5 Gb/s
USB 2.0	Backward compatible at 480Mb/s

MECHANICAL

Dimensions	170.0 x 68.2 x 25.5 mm (6.69 x 2.69 x 1.00")
Weight	231g (0.51 lbs)
Enclosure Material	Anodized Aluminum
Mount Screw	M3

PORTS

USB Upstream	1x USB 3.0 Std-B Locking Port Compliant with AIA USB3 Vision Standard
USB Downstream	4x USB 3.0 Std-A Locking Port Compliant with AIA USB3 Vision Standard
USB Ports Power Output	1500mA for each USB downstream ports
Regular Power Input	12V, 2.5A DC, 2.5mm Center Positive
Industrial Power Input	12-24V DC

POWER ADAPTER

AC Power Plug Type	2 Pin Type-A (US)
Power Input	100-240V AC, 50/60Hz, 0.8A
Power Output	12V DC, 2.5A

ENVIRONMENTAL

Operating Temperature	0°C to 70 °C (32°F to 158°F)
Storage Temperature	-55°C to 125 °C (-67°F to 257°F)
Operating Humidity	20% to 80% relative humidity, non-condensing
Storage Humidity	10% to 90% relative humidity, non-condensing

COMPLIANCE

Machine Vision USB 3.0	AIA USB3 Vision™ Compliant
EMC	FCC, CE
Environmental	RoHS

SUPPORT

Warranty	1-year Manufacture Warranty
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