USB 3.0 Spectra™ 3022 Extender
2-Port USB 3.0 100m Multimode Fiber Extender System

The USB 3.0 Spectra™ 3022 extends SuperSpeed USB 3.0 up to 100m (330 ft).*

LEX (Local Extender)

REX (Remote Extender)

Features

Take advantage of USB 3.0's blazing 5Gbps speeds up to 100m of distance over multimode fiber. Machine Vision cameras, security cameras, and storage drives can be extended while providing isolation and security. Key features include:

- USB 3.0 extension up to 100m
- Delivers speed, isolation and security over multimode fiber
- Supports USB 3.0 throughputs of up to 5Gbps
- Integrated 2-port hub suitable for industrial environments
- Rugged locking USB and power connectors
- Enclosures with convenient pre-drilled holes for optional bracket mounting
- Works with AIA USB3 Vision™ compliant devices

Includes the ExtremeUSB® suite of features:

- Transparent USB extension
- True plug and play; no software drivers required
- Works with all major operating systems: Windows®, Mac OS X®, and Linux®

Applications

- Machine Vision camera extension
- Post-production editing
- Security camera extension
- Remote storage
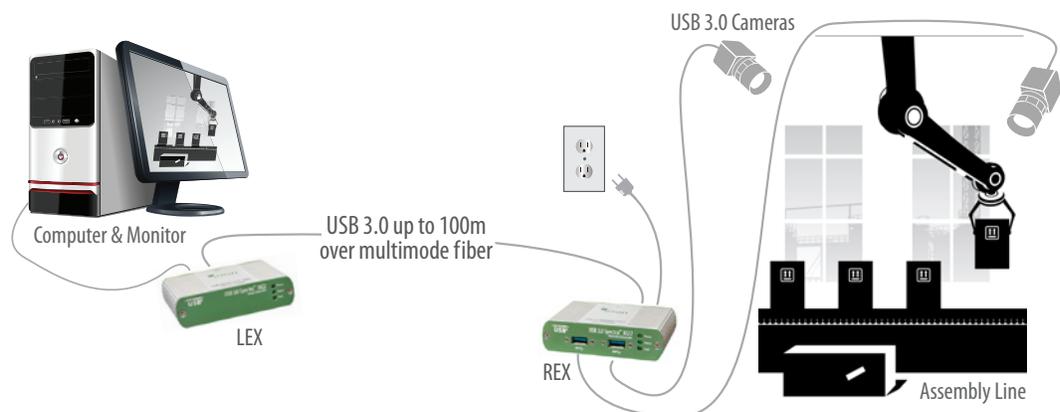
USB 3.0 Cameras

Computer & Monitor

USB 3.0 up to 100m over multimode fiber

LEX

REX

Assembly Line

* Up to 15m with Microsoft Kinect; 50m with USB 3.0 storage type devices; 100m or more is achievable when using USB 3.0 bulk traffic cameras.

Multimode Fiber Class	Cameras	Storage	Microsoft Kinect
OM2	50m	50m	15m
OM3	100m	50m	15m

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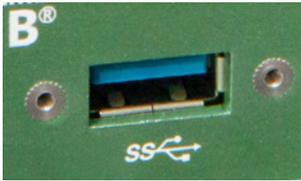
Locking USB Receptacle

Locking Power Connector

USB3 ™
V I S I O N

◄EXTREME►
USB ®

Specifications subject to change without notification.
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#90-01040-A06

RANGE*

OM2 Multimode Fiber: Up to 50m (165 ft)
OM3 Multimode Fiber: Up to 100m (330 ft)

SPEEDS

USB 3.0:   Up to 5Gbps (Not backward compatible with USB 2.0/1.1)

LEX

USB Connector: 1 x USB 3.0 Type B Locking Receptacle per AIA USB3 Vision™ specification
Link Connector: 1 x Duplex LC Connector
Dimensions: 100mm x 76mm x 26mm (3.94" x 2.99" x 1.02")
Enclosure Material: Anodized Aluminum

REX

USB Connectors: 2 x USB 3.0 Type A Locking Receptacles per AIA USB3 Vision™ specification
Link Connector: 1 x Duplex LC Connector
Dimensions: 100mm x 76mm x 26mm (3.94" x 2.99" x 1.02")
Enclosure Material: Anodized Aluminum
Power Connector: 5V DC, 3A, Locking, 2.5 mm, center-positive
Available Current: 900mA for each USB Port
Power Supply: 100-240V AC Brick, Locking

ENVIRONMENTAL

Operating Temperature: 0°C to 40°C (32°F to 104°F)
Storage Temperature: -20°C to 70°C (-4°F to 170°F)
Operating Humidity: 20% to 80% relative humidity, non-condensing
Storage Humidity: 10% to 90% relative humidity, non-condensing

COMPLIANCE

EMC: FCC (Class B), CE (Class B)
Environmental: RoHS2 (CE)
Machine Vision: Works with AIA USB3 Vision™ compliant devices

SUPPORT

Warranty: 2-year

Ordering Information

The USB 3.0 Spectra™ 3022 extender system includes a LEX, REX, locking power adapter, country specific power cord, USB 3.0 cable, Quick Start Guide and two-year warranty.

For more information please email sales@icron.com, call +1 604 638 3920 or locate a distributor/reseller in your area by visiting icron.com/where-to-buy.

PART #	NAME	DESCRIPTION
00-00327	USB 3.0 Spectra™ 3022 - NA	2-Port 100m Fiber USB 3.0 Extender System, 100-240V Power Adapter, Locking NA Power Cord
00-00328	USB 3.0 Spectra™ 3022 - EU	2-Port 100m Fiber USB 3.0 Extender System, 100-240V Power Adapter, Locking EU Power Cord
00-00329	USB 3.0 Spectra™ 3022 - UK	2-Port 100m Fiber USB 3.0 Extender System, 100-240V Power Adapter, Locking UK Power Cord
00-00330	USB 3.0 Spectra™ 3022 - AU	2-Port 100m Fiber USB 3.0 Extender System, 100-240V Power Adapter, Locking AU Power Cord
10-00406	USB Mounting Kit - Silver	USB Extender Mounting Kit for 2201, 2204, 2212, 2224, 2244, 2304, 3022 (Silver) Kit includes: 2 brackets, 4 locking washers and 4 (M3 x 5mm) Phillips pan head screws (Order: 1 kit per LEX or REX; 2 kits per system)