

# 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).\*



### Features

Take advantage of USB 3.0's blazing 5 Gbps 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:

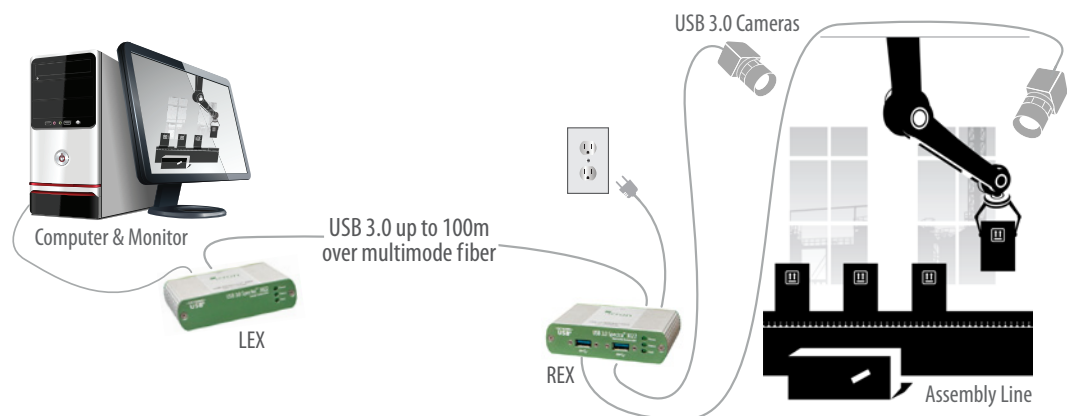
- USB 3.0 extension up to 100m
- Delivers speed, isolation and security over multimode fiber
- Supports USB 3.0 throughputs of up to 5 Gbps
- Integrated 2-port hub suitable for industrial environments
- Rugged locking USB and power connectors
- Enclosures with convenient pre-drilled holes for optional 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®, OS X®, and Linux®

### Applications

- Machine Vision camera extension
- Security camera extension
- Post-production editing
- Remote storage



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

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**←EXTREME  
USB**

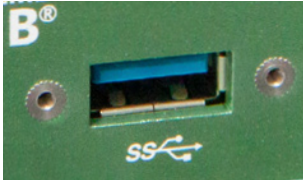
Specifications subject to  
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# USB 3.0 Spectra™ 3022 Specifications

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

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



Locking USB Receptacle



Locking Power Connector

**USB**  
VISION

**EXTREME**  
**USB**

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## RANGE\*

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

## SPEEDS

- USB 3.0: Up to 5 Gbps (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 50°C (32°F to 122°F)
- Storage Temperature: -20°C to 70°C (-4°F to 158°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](mailto:sales@icron.com), call +1 604 638 3920 or locate a distributor/reseller in your area by visiting [icron.com/where-to-buy](http://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
00-00371	USB 3.0 Spectra™ 3022 - JP	2-Port 100m Fiber USB 3.0 Extender System, 100-240V Power Adapter, Locking JP 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)