

# USB 3.0 Spectra™ 3022

## 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:

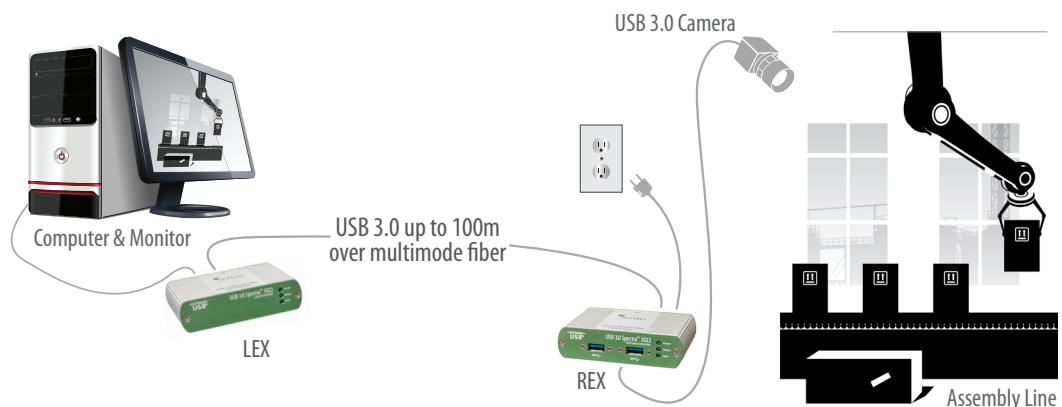
- USB 3.0 extension up to 100m
- Delivers speed, isolation and security over multimode fiber
- Supports USB 3.0 throughputs of up to 5Gbps
- Integrated 2-port hub
- Rugged locking USB and power connectors
- Works with AIA USB3 Vision™ compliant devices

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



\* More than 100m (330 ft) is achievable with some hosts/devices



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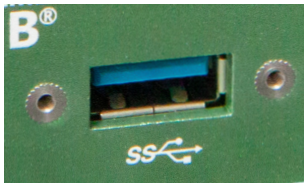
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USB  
VISION

EXTREME  
USB

Specifications subject to  
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# USB 3.0 Spectra™ 3022 Specifications



Locking USB Receptacles



Locking Power Connector

\*Achievable USB 3.0 Extension  
by Multimode Fiber Class

	Storage	Cameras
OM2	50m	50m
OM3	50m	100m

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**USB**

Specifications subject to change  
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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 5Gbps (Not backward compatible with USB 2.0/1.1)

## LEX

USB Connector:

1 x USB 3.0 Type B Locking Receptacle

Link Connectors:

2 x LC Connectors

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

Link Connectors:

2 x LC Connectors

Dimensions:

100mm x 76mm x 26mm (3.94" x 2.99" x 1.02")

Enclosure Material:

Anodized Aluminum

Available Current:

900mA for each USB Port

Power Supply:

100-240V AC Input, 5V DC Output, 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 years

\* More than 100m (330 ft) is achievable with some hosts/devices

## Ordering Information

The USB 3.0 Spectra™ 3022 system includes a LEX, REX, USB 3.0 cable, Quick Start Guide, one international power adapter with country specific power cord 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
21-00071	5V 3A Locking Power Adapter	100-240V, 2.5mm (ID) locking plug, IEC320-C7/C8 2-pin