

## Product Datasheet - Technical Specifications



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### Your contact

Technical and commercial sales, price information,  
quotations, demo/test equipment, consulting:

Tel.: +49 - (0)81 41 - 52 71-0

E-Mail: [sales@meilhaus.com](mailto:sales@meilhaus.com)

**Meilhaus Electronic GmbH**  
Am Sonnenlicht 2  
82239 Alling/Germany

Tel. +49 - (0)81 41 - 52 71-0 E-  
Mail [sales@meilhaus.com](mailto:sales@meilhaus.com)

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# 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, conferencing cameras and storage drives can be extended while providing isolation and security. Key features include:

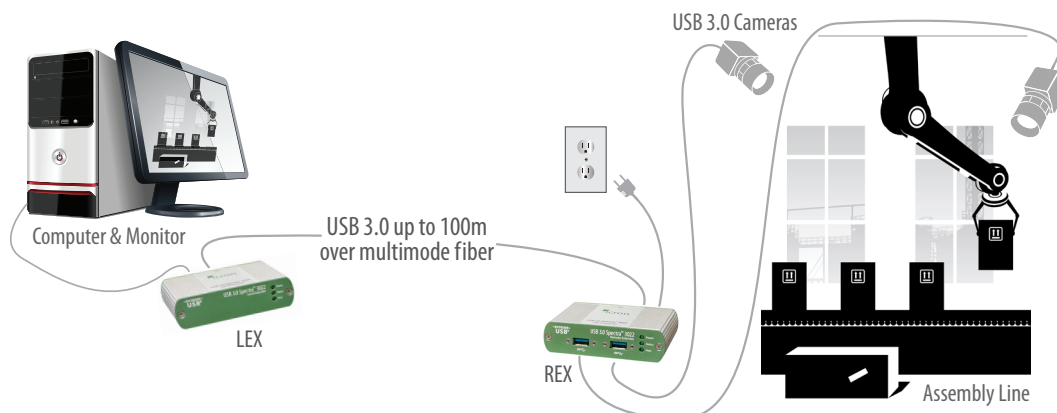
- USB 3.0 extension up to 100m
- Delivers speed, isolation and security over multimode fiber
- Supports USB 3.0 throughputs of up to 5Gbps
- Integrated 2-port hub suitable for industrial environments
- Rugged locking USB and power connectors
- Enclosures with convenient pre-drilled holes for optional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

## Applications

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



\* Up to 50m with USB 3.0 storage type devices; up to 100m or more is achievable when using USB 3.0 bulk traffic cameras. For Microsoft Kinect applications, please use the Spectra™ 3001-15 active extension cable.



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Specifications subject to change without notification.

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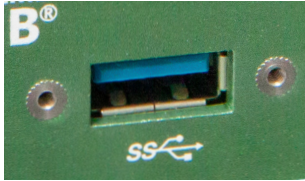
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# USB 3.0 Spectra™ 3022 Specifications

Multimode Fiber Class	Cameras	Storage
OM2	50m	50m
OM3	100m	50m

\* Up to 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



## 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: Silver 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: Silver Anodized Aluminum
- Power Connector: 24V DC, 1A, 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

- Certifications: FCC (Class B), CE (Class B), RoHS2/3 (CE), ICES-003 Issue 7, EN 62368-1
- 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, USB 3.0 cable, locking power adapter, country specific power cord, Quick Start Guide and two-year warranty.

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	Silver USB Extender Mounting Kit compatible with 2304, 2324, 2344, and 3022 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)