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:

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

Includes the ExtremeUSB® suite of features:

- True plug and play; no software drivers required
- Supports all major operating systems: Windows®, Mac OS X®, and Linux®
- Reliable operation with USB 3.0 devices and hubs
- Patented USB extension technology

Applications

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

USB 3.0 Camera

Computer & Monitor

USB 3.0 up to 100m
over multimode fiber

LEX

REX

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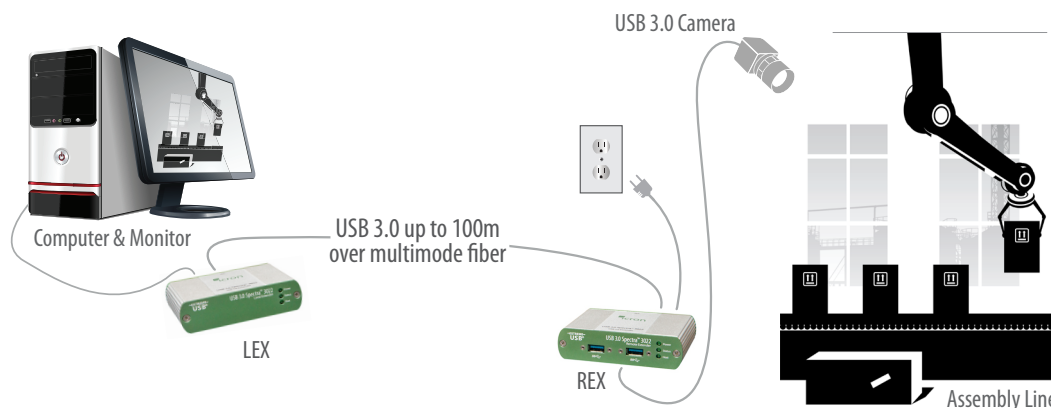
* More than 100m (330 ft) is achievable with some hosts/devices

USB 3.0 Spectra™ 3022 Specifications
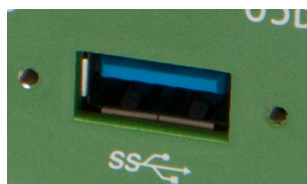
Locking USB Receptacles

Locking Power Connector

*Achievable USB 3.0 Extension by Multimode Fiber Class

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

RANGE

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

SPEEDS

USB 3.0: **Up to 5Gbps** (Note: 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:	AIA USB3 Vision

SUPPORT

Warranty:	2 years

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, email **sales@icron.com** or call +1 604 638 3920.

PART #	NAME	DESCRIPTION
00-00327	USB 3.0 Spectra™ 3022 - NA	2-Port Fiber 100m USB 3.0 Extender System, 100-240V Power Adapter, Locking NA Power Cord
00-00328	USB 3.0 Spectra™ 3022 - EU	2-Port Fiber 100m USB 3.0 Extender System, 100-240V Power Adapter, Locking EU Power Cord
00-00329	USB 3.0 Spectra™ 3022 - UK	2-Port Fiber 100m USB 3.0 Extender System, 100-240V Power Adapter, Locking UK Power Cord
00-00330	USB 3.0 Spectra™ 3022 - AU	2-Port Fiber 100m 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