

USB 3.0 SP3022 Extender

2-port USB 3.0 100m Multimode Fiber Extender System

Sold as unbranded or private label

The USB 3.0 SP3022 extends SuperSpeed USB 3.0 up to 100m (330 ft)*.



Local Extender



Remote Extender

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:

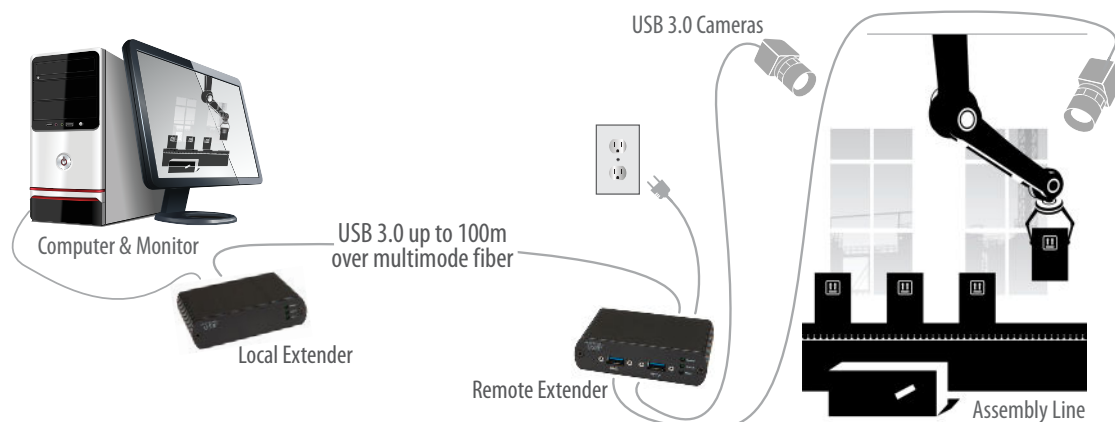
- USB 3.0 extension up to 100m
- Delivers speed, isolation and security over multimode fiber
- Supports USB 3.0 throughputs of up to 5 Gbps
- Integrated 2-port hub suitable for industrial environments
- Rugged locking USB and power connectors
- Enclosures with convenient pre-drilled holes for optional 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 50m with USB 3.0 storage type devices and up to 100m is achievable when using USB 3.0 bulk traffic cameras. For Microsoft Kinect applications, please use the SP3001-15 active extension cable.

USB 3.0 SP3022 Specifications

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

* Up to 50m with USB 3.0 storage type devices and up to 100m or more is achievable when using USB 3.0 bulk traffic cameras.



Locking USB Receptacle



Locking Power Connector



Specifications subject to change
without notification.

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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)

LOCAL EXTENDER

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

REMOTE EXTENDER

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: 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

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 SP3022 extender system includes a local extender, remote extender, 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 or call +1 604 638 3920.

| PART # | NAME | DESCRIPTION |
|----------|--------------------------|---|
| 01-00425 | SP3022-NA | 2-Port 100m Fiber USB 3.0 Extender System, Unbranded Black, 100-240V Power Adapter, Locking NA Cord |
| 01-00426 | SP3022-EU | 2-Port 100m Fiber USB 3.0 Extender System, Unbranded Black, 100-240V Power Adapter, Locking EU Cord |
| 01-00427 | SP3022-UK | 2-Port 100m Fiber USB 3.0 Extender System, Unbranded Black, 100-240V Power Adapter, Locking UK Cord |
| 01-00428 | SP3022-AU | 2-Port 100m Fiber USB 3.0 Extender System, Unbranded Black, 100-240V Power Adapter, Locking AU Cord |
| 01-00539 | SP3022-JP | 2-Port 100m Fiber USB 3.0 Extender System, Unbranded Black, 100-240V Power Adapter, Locking JP Cord |
| 10-00394 | USB Mounting Kit - Black | USB Extender Mounting Kit for 2201, 2204, 2212, 2224, 2244, 2304, 3022 (Black) Kit includes: 2 brackets, 4 locking washers and 4 (M3 x 5mm) Phillips pan head screws. (Order: 1 kit per local or remote extender; 2 kits per system) |