

USB 3.0 Ranger 3022

2-Port USB 3.0 100m Multimode Fiber Extender System



The PMD USB 3.0 Ranger 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 5 Gbps 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:

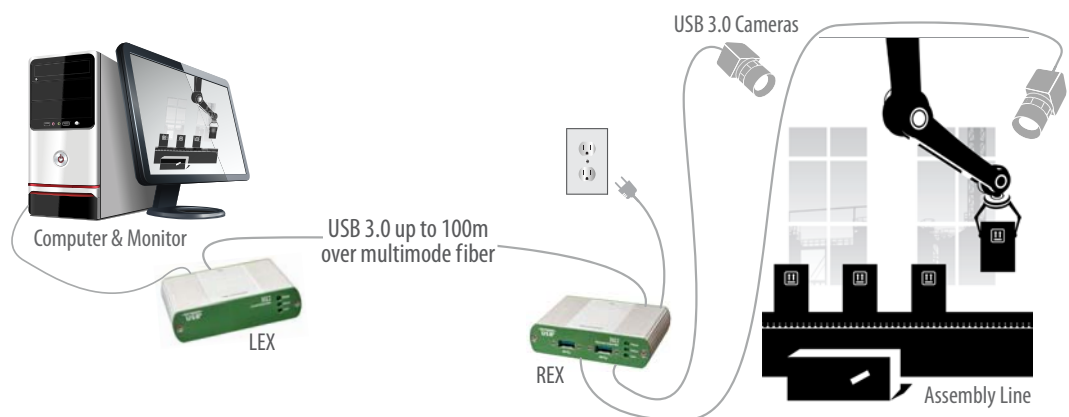
- USB 3.0 extension up to 100m
- Delivers speed, isolation and security over multimode fiber
- Supports USB 3.0 throughputs of up to 5 Gbps
- Integrated 2-port hub suitable for industrial environments
- Rugged locking USB and power connectors
- Enclosures with convenient pre-drilled holes for optional 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
- Post-production editing
- Remote storage
- Security camera extension
- Conferencing camera extension



* 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.

←EXTREME→
USB®

Specifications subject to
change without notification.
©2016

86341708

Ein Vertriebsprodukt von / Distributed by:

VIDELCO Europe Limited – Professionelle Audio-, Video-, Medien-Technik

Fon: +49 (0)2102 / 86 39-00 • Fax: +49 (0)2102 / 86 39-17 • info@videlco.eu • www.videlco.eu

VIDELCO
Europe Limited

USB 3.0 Ranger 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



Specifications subject to change without notification.
©2016

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: 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

Ordering Information

The PMD USB 3.0 Ranger 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 your distributor/reseller.

| ORDER # | NAME | DESCRIPTION |
|--------------|---------------------|--|
| 8642-0015-01 | USB 3.0 Ranger 3022 | 2-Port 100m Fiber USB 3.0 Extender System, 100-240V Power Adapter, Locking EU Power Cord |

86341708

Ein Vertriebsprodukt von / Distributed by:

VIDELCO Europe Limited – Professionelle Audio-, Video-, Medien-Technik
Fon: +49 (0)2102 / 86 39-00 • Fax: +49 (0)2102 / 86 39-17 • info@videlco.eu • www.videlco.eu

