



Features

The Ranger 2324 and Ranger 2344 are ideal for extending USB peripherals including: keyboards, mice, interactive whiteboards, flash drives, hard drives, audio devices, web cameras and any other USB device across a dedicated fiber optic connection. Key features include:

- Supports USB 2.0 throughputs of up to 480 Mbps
- Supplies up to 1 Amp per USB port; 600mA when all four ports are used concurrently
- Integrated hub provides ports for four USB devices, use hubs to add more
- Electrical isolation
- Reliable operation with USB 2.0 and 1.1 devices and hubs

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[™] and Linux®

Applications

- Medical
- Sensor/data acquisition
- Keyboard and mouse extension
- Industrial control

USB 2 Isolator STD 2324 EU extends high-speed USB 2.0 connections up to 500 m using multimode fiber while the USB 2.0 Ranger 2324 extends up to 10km over singlemode fiber optics.



Technical Data

Ranger 2324





Ranger 2344





DISTANCE

Ranger 2324: Ranger 2344:

USB DEVICE SUPPORT SPEEDS

Maximum Throughputs: Traffic Types: Device Types: Maximum Number:

LEX (LOCAL EXTENDER)

USB Connector: Link Connector: Dimensions: Enclosure Material:

REX (REMOTE EXTENDER)

USB Connectors: Link Connector: Dimensions: Enclosure Material: Available Current: Power Supply:

ENVIRONMENTAL

Operating Temperature: Storage Temperature: Operating Humidity: Storage Humidity:

COMPLIANCE

EMC: Environmental:

SUPPORT

Warranty:

ORDER INFORMATION Item No.: Up to 500m over Multimode Fiber (OM2+) Up to 10km over Singlemode Fiber

USB 2.0: Up to 480 Mbps, USB 1.1: Up to 12 Mbps All USB 2.0 and 1.1 Traffic Types All USB 2.0 and 1.1 Device Types Up to 30 devices

1 x USB Type B Receptacle 1 x SFP Duplex LC 100.0mm x 76.0mm x 26.0mm (3.9" x 3.0" x 1.0") Silver Anodized Aluminum

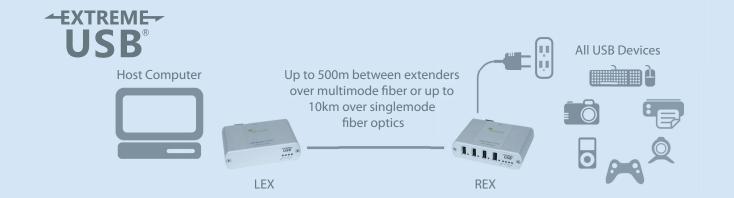
4 x USB Type A Receptacles 1 x SFP Duplex LC 100.0mm x 76.0mm x 26.0mm (3.9" x 3.0" x 1.0") Silver Anodized Aluminum Up to 600mA to each USB port concurrently 100-240V AC Input, 24V 1A DC Output

0°C to 50°C (32°F to 122°F) -20°C to 70°C (-4°F to 158°F) 20% to 80% Relative Humidity, Non-Condensing 10% to 90% Relative Humidity, Non-Condensing

FCC (Class B), CE (Class B) RoHS2 (CE)

2-years

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