

# USB 2.0 Ranger® 2304GE-LAN Extender

## 4-port USB 2.0 Gigabit Ethernet LAN Extender System

The USB 2.0 Ranger 2304GE-LAN provides the ability to connect all USB 2.0 device types to hosts across a Gigabit Ethernet Local Area Network using existing cabling.



### Features

The RG2304GE-LAN extends USB 2.0 peripherals such as flash drives, keyboards, mice, webcams and interactive whiteboards across a Local Area Network (LAN) and supports modern USB 3.0 controllers. The RG2304GE-LAN includes support for isochronous devices such as webcams.

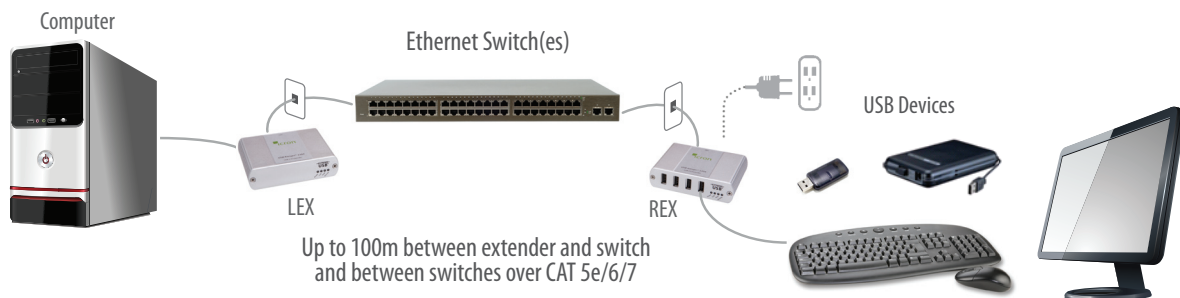
- Extends USB through 1000 Mbps LANs
- USB 2.0 throughput up to 480 Mbps\*
- Pre-paired networked configuration\*\* for simple installation
- Supplies up to 600mA to each USB port concurrently

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

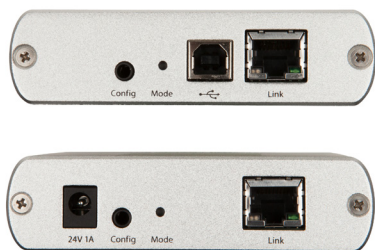
- Remote storage
- Industrial Control
- Security and monitoring
- Keyboard and mouse



\* Maximum throughput will vary based on network traffic, distances and number of switches between extenders.

\*\* Pre-paired network configuration only applies to units purchased together as a complete Local and Remote Extender system.

# USB 2.0 Ranger 2304GE-LAN Specifications



Specifications subject to change without notification.

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#90-01381-A03

**←EXTREME→**  
**USB®**

## RANGE

Direct Connect:

Up to 100m (330 ft) over solid core CAT 5e/6/7

Network Connect:

Up to 100m (330 ft) between switches over solid core CAT 5e/6/7

## USB DEVICE SUPPORT

Network and Direct Connect: Up to 480 Mbps\*

Traffic Types: All USB 2.0 Traffic Types

Device Types: All USB 2.0 Device Types

Maximum Number: Up to 30 devices

## NETWORKING

Standards:

1000BASE-T\*

Data Traffic:

Layer 2

## LOCAL EXTENDER

USB Connector: 1 x USB Type B Receptacle

Link Connector: 1 x RJ45

Dimensions: 100mm x 76mm x 26mm (3.9" x 3.0" x 1.0")

Enclosure Material: Silver Anodized Aluminum

## REMOTE EXTENDER

USB Connectors: 4 x USB Type A Receptacles

Link Connector: 1 x RJ45

Dimensions: 100mm x 76mm x 26mm (3.9" x 3.0" x 1.0")

Enclosure Material: Silver Anodized Aluminum

Available Current: Up to 600mA to each USB port concurrently

Power Supply: 100-240V AC Input, 24V 1A DC Output

## 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)

## SUPPORT

Warranty:

2-year

\* Maximum speed is heavily dependant on network configuration, bandwidth and performance. 1000Base-T is highly recommended for best performance.

## Ordering Information

The Ranger 2304GE-LAN system includes a local extender, remote extender, USB cable, Quick Start Guide, one international power adapter with country specific power cord and two-year warranty. For more information email [sales@icron.com](mailto:sales@icron.com) or call +1 604 638 3920.

PART #	NAME	DESCRIPTION
00-00376	USB 2.0 Ranger 2304GE-LAN - NA	4-Port USB 2.0 Gigabit Ethernet LAN Extender System, Silver, 100-240V Power Adapter, NA Plug
00-00377	USB 2.0 Ranger 2304GE-LAN - EU	4-Port USB 2.0 Gigabit Ethernet LAN Extender System, Silver, 100-240V Power Adapter, EU Plug
00-00378	USB 2.0 Ranger 2304GE-LAN - UK	4-Port USB 2.0 Gigabit Ethernet LAN Extender System, Silver, 100-240V Power Adapter, UK Plug
00-00379	USB 2.0 Ranger 2304GE-LAN - AU	4-Port USB 2.0 Gigabit Ethernet LAN Extender System, Silver, 100-240V Power Adapter, AU Plug
00-00380	USB 2.0 Ranger 2304GE-LAN - JP	4-Port USB 2.0 Gigabit Ethernet LAN Extender System, Silver, 100-240V Power Adapter, JP Plug