# USB 2.0 Ranger<sup>®</sup> 2304

# 4-Port USB 2.0 100m Cat 5e Extender System

The USB 2.0 Ranger 2304 is the latest in a long line of reliable point-to-point USB 2.0 extender systems from Icron Technologies. It features full device and host support, including newer USB 3.0 compatible devices and controllers, and fast USB 2.0 throughputs.



## Features

The Ranger 2304 extends all USB 2.0 peripherals such as flash drives, keyboards, mice, webcams and interactive whiteboards across a dedicated Cat 5e connection.

- USB 2.0 throughput up to 480Mbps
- Integrated hub provides ports for four USB devices, use hubs to add more
- Supplies up to 600mA to each USB port concurrently
- Operates with all USB controllers

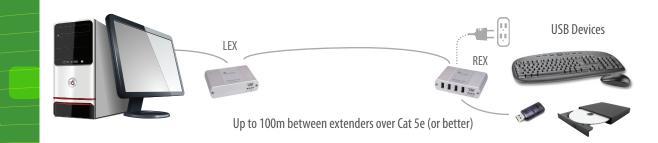
Includes the ExtremeUSB® suite of features:

- True plug and play. No software drivers required
- Supports all major operating systems: Windows<sup>®</sup>, Mac OS X<sup>®</sup>, and Linux<sup>®</sup>
- Reliable operation with all USB device types, and hubs
- Patented USB extension technology

## Applications

Computer

- Remote storage
- Professional Audio-Visual
- Security and monitoring
- Keyboard and mouse



USB

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## USB 2.0 Ranger® 2304 Specifications





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#### RANGE

Direct Connect:

#### USB DEVICE SUPPORT

Maximum USB 2.0 Throughput: Maximum USB 1.1 Throughput: Traffic Types: Device Types: 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:

Up to 100m (330 ft) over solid core Cat 5e or better

Up to 480Mbps Up to 12Mbps All USB 2.0 and 1.1 Traffic Types All USB 2.0 and 1.1 Device Types

1 x USB Type B Receptacle 1 x RJ45 100mm x 76mm x 26mm (3.9" x 3.0" x 1.0") Silver Anodized Aluminum

4 x USB Type A Receptacles 1 x RJ45 100mm x 76mm x 26mm (3.9" x 3.0" x 1.0") Silver Anodized Aluminum Up to 600mA to each USB port 100-240V AC input, 1A 24V DC Output

#### 0°C to 50°C (32°F to 122°F)

-10°C to 60°C (14°F to 140°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



## **Ordering Information**

The USB 2.0 Ranger<sup>®</sup> 2304 system includes a LEX, REX, USB Cable, Quick Start Guide, 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
00-00347	USB 2.0 Ranger <sup>°</sup> 2304 - NA	4-Port USB 2.0 100m Cat 5e Extender System, 100-240V Power Adapter, NA Power Cord
00-00348	USB 2.0 Ranger <sup>°</sup> 2304 - EU	4-Port USB 2.0 100m Cat 5e Extender System, 100-240V Power Adapter, EU Power Cord
00-00349	USB 2.0 Ranger <sup>°</sup> 2304 - UK	4-Port USB 2.0 100m Cat 5e Extender System, 100-240V Power Adapter, UK Power Cord
00-00350	USB 2.0 Ranger <sup>°</sup> 2304 - AU	4-Port USB 2.0 100m Cat 5e Extender System, 100-240V Power Adapter, AU Power Cord