

# USB 2.0 Ranger® 2211

## 1-Port USB 2.0 100m Cat 5e Extender System with Flexible Power

The USB 2.0 Ranger® 2211 extends high-speed USB 2.0 connections up to 100m using Cat 5e\* with the option to power either the LEX (Local Extender) or REX (Remote Extender).



LEX



REX

## Features

The Ranger 2211 is ideal for extending USB peripherals including: keyboards, mice, interactive whiteboards, flash drives, hard drives, audio devices, web cameras and any other USB device.

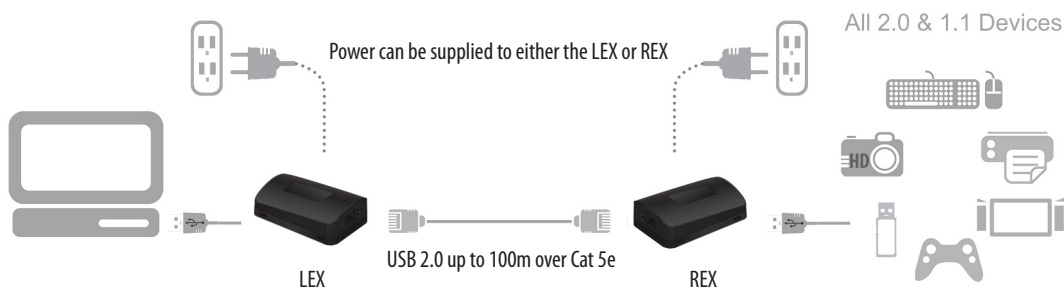
- Flexible power — connect the power adapter to either the LEX or REX
- Supplies 500mA to USB devices
- Utilizes Cat 5e cable for convenient installation
- Supports throughputs of up to 480Mbps

Includes the ExtremeUSB® suite of features:

- Plug and play. No installation of software drivers required.
- Supports all major operating systems: Windows®, Mac OS X®, and Linux®
- Reliable operation with USB 2.0 and 1.1 devices and hubs
- Patented USB extension technology

## Applications

- Interactive white board
- Keyboard and mouse extension
- Sensor/data acquisition
- Industrial control



\* This product supports Cat 5e or better cabling (i.e. Cat 6, Cat 7, etc). All references to "Cat 5e" should be read as "Cat 5e or better".



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Specifications subject to  
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#90-00949-A04

# USB 2.0 Ranger® 2211 Specifications



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## RANGE

Direct Connect: Up to 100m (330 ft) over Cat 5e (or better)

## SPEEDS

USB 2.0: Up to 480Mbps

USB 1.1: Up to 12Mbps

## POWER

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

## LEX

USB Connector: 1 x USB Type B Receptacle

Link Connector: 1 x RJ45

Dimensions: 85mm x 57mm x 28mm (3.35" x 2.25" x 1.10")

Mounting: Slots for Cable Ties

Enclosure Material: Black ABS with Rubberized Coating

## REX

USB Connector: 1 x USB Type A Receptacle

Link Connector: 1 x RJ45

Available Current: 500mA

Dimensions: 85mm x 57mm x 28mm (3.35" x 2.25" x 1.10")

Mounting: Slots for Cable Ties

Enclosure Material: Black ABS with Rubberized Coating

## 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 A), CE (Class A)

Immunity: CE Criteria A

Environmental: RoHS2 (CE)

Safety: Flammability V-0

## SUPPORT

Warranty: 2 years

## Ordering Information

The USB 2.0 Ranger® 2211 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](mailto:sales@icron.com) or call +1 604 638 3920.

| PART #   | NAME                      | DESCRIPTION  |
|----------|---------------------------|--|
| 00-00315 | USB 2.0 Ranger® 2211 - NA | 1-Port Flexible Power Cat 5e 100m Extender System, 100-240V Power Adapter, NA Power Cord |
| 00-00316 | USB 2.0 Ranger® 2211 - EU | 1-Port Flexible Power Cat 5e 100m Extender System, 100-240V Power Adapter, EU Power Cord |
| 00-00317 | USB 2.0 Ranger® 2211 - UK | 1-Port Flexible Power Cat 5e 100m Extender System, 100-240V Power Adapter, UK Power Cord |
| 00-00318 | USB 2.0 Ranger® 2211 - AU | 1-Port Flexible Power Cat 5e 100m Extender System, 100-240V Power Adapter, AU Power Cord |