

# USB 2.0 RG2304 Extender

## 4-port USB 2.0 Cat 5 Extender System with SwitchableUSB™ over Network

*Sold as unbranded or private label*

The RG2304 allows both direct Cat 5 connections as well as flexible pairing of extenders across Local Area Networks using existing Ethernet cabling.



Local Extender



Remote Extender

### Features

The RG2304 extends USB peripherals such as: keyboards, mice, interactive white boards and flash drives across a LAN (Local Area Network) using existing Ethernet cabling.

- Network LAN or Direct Connect configurations
- Switch local and remote extender pairs on the fly using SwitchableUSB™
- Multiple 1:1 networked configurations
- Supplies 500mA to USB devices
- Supports throughputs of up to 480Mbps\*

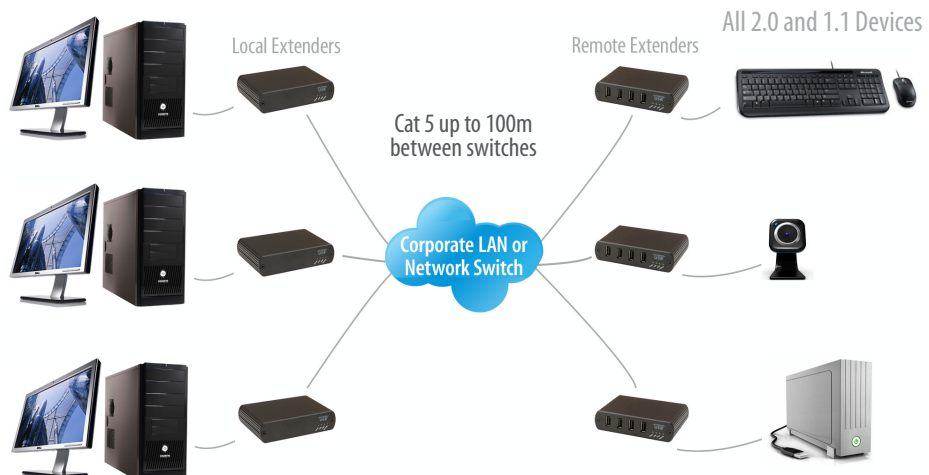
Includes the ExtremeUSB® suite of features:

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



### Applications

- Remote Storage
- Keyboard and Mouse
- Sensor/Data Acquisition
- Remote Monitoring



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

# RG2304 Specifications

(Specifications subject to change upon product release)

## RANGE

Direct Connect:	Up to 100m (330 ft)
Network Connect:	Up to 100m (330 ft) between switches*

## SPEEDS

Network and Direct Connect:	Up to 480Mbps**
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## NETWORKING

Data Traffic:	Layer 2
Management Traffic:	Layer 3, Dynamic or Static IP Assignments
Configuration Interface:	Command-line and published APIs
Pairings:	1:1 and N:N matched***

## 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:	Black Anodized Aluminum
Power Supply:	100/240V AC input, 5V DC Output

## 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:	Black Anodized Aluminum
Available Current:	500mA for each USB port
Power Supply:	100/240V AC input, 5V DC Output

## ENVIRONMENTAL

Operating Temperature:	0°C to 50°C (32°F to 122°F)
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## COMPLIANCE

Emissions:	FCC (Class B), CE (Class B)
Immunity:	CE Criteria B
Environmental:	RoHS

## SUPPORT

Warranty:	1 year
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\* Network Connect reach can be extended through the use of multiple switches.

\*\* Network usage and design may decrease available speeds.

\*\*\* Broadcast and simulcast planned for future phases.

## Ordering Information

The RG2304 system includes a local extender, remote extender, USB cable, Quick Start Guide, two international power adapters with country specific power cords and one year warranty. For more information email [sales@icron.com](mailto:sales@icron.com) or call +1 604 638 3920.

PART #	NAME	DESCRIPTION
01-00397	RG2304-NA	4-Port Network USB 2.0 Extender System, Unbranded Black, 100-240V Power Adapter, NA Plug
01-00398	RG2304-EU	4-Port Network USB 2.0 Extender System, Unbranded Black, 100-240V Power Adapter, EU Plug
01-00399	RG2304-UK	4-Port Network USB 2.0 Extender System, Unbranded Black, 100-240V Power Adapter, UK Plug
01-00400	RG2304-AU	4-Port Network USB 2.0 Extender System, Unbranded Black, 100-240V Power Adapter, AU Plug
21-00053	Power Adapter	5V 3A, International (100-240V) Power Adapter
21-00055	Power Cord-NA	Power Cord for 21-00052 North American Plug
21-00056	Power Cord-EU	Power Cord for 21-00052 European Plug
21-00057	Power Cord-UK	Power Cord for 21-00052 UK Plug
21-00058	Power Cord-AU	Power Cord for 21-00052 Australian Plug