

USB 2.0 RG2304-LAN Extender

4-port USB 2.0 Ethernet LAN Extender System

Sold as unbranded or private label

The USB 2.0 RG2304-LAN provides the ability to connect USB 2.0 devices to hosts across a Local Area Network using existing Ethernet cabling.



Local Extender



Remote Extender

Features

The RG2304-LAN extends USB 2.0 peripherals such as flash drives, keyboards, mice, and interactive whiteboards across a Local Area Network (LAN) and supports modern USB 3.0 controllers. *Isochronous devices (such as webcams) are not supported by the RG2304-LAN.*

- Extends USB through 100Mbps or 1000Mbps LANs
- USB 2.0 throughput up to 480Mbps*
- Pre-paired networked configuration** for simple installation
- Supplies up to 600mA to each USB port concurrently

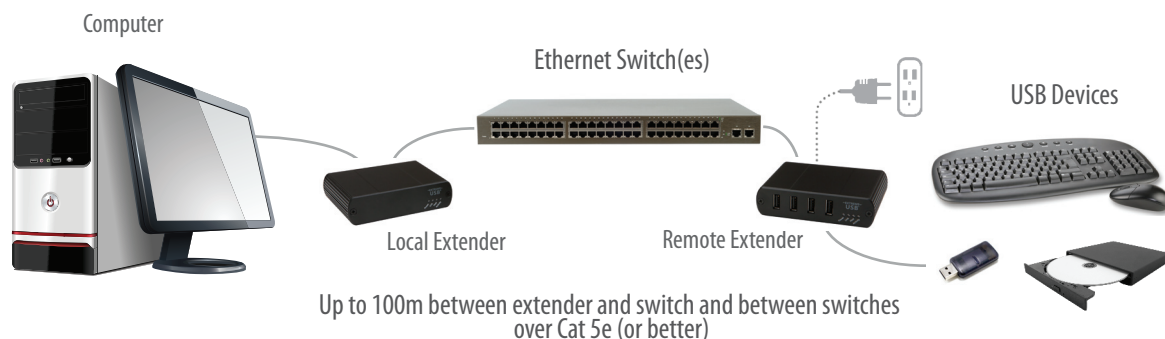
Includes the ExtremeUSB® suite of features:

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

Supports remote pairing control via Icron Technologies' SwitchableUSB™.

Applications

- Remote storage
- Interactive whiteboard
- Video matrix systems
- 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 RG2304-LAN Specifications



Specifications subject to change
without notification.

©2013

Icron Technologies Corp.

#90-01038-A05



RANGE

Direct Connect:	Up to 100m (330 ft) over solid core Cat 5e or better
Network Connect:	Up to 100m (330 ft) between switches over solid core Cat 5e

USB DEVICE SUPPORT

Network and Direct Connect:	Up to 480Mbps*
Traffic Types:	Interrupt, Bulk and Control**
Device Types:	HID (Mouse and Keyboard), Hubs, Storage Devices**
Maximum Number:	Up to 31 devices

NETWORKING

Standards:	100BASE-T and 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:	Black 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:	Black Anodized Aluminum
Available Current:	Up to 600mA to each USB port
Power Supply:	100-240V AC input, 24V DC Output

ENVIRONMENTAL

Operating Temperature:	0°C to 50°C (32°F to 122°F)
Storage Temperature:	-10°C to 60°C (14°F to 140°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 years
-----------	---------

* Maximum speed is heavily dependant on network configuration, bandwidth and performance. 1000Base-T is highly recommended for best performance.
** Isochronous devices such as webcams and audio devices are not supported.

Ordering Information

The RG2304-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 or call +1 604 638 3920.

PART #	NAME	DESCRIPTION
01-00397	RG2304-LAN - NA	4-Port USB 2.0 Ethernet LAN Extender System, Unbranded Black, 100-240V Power Adapter, NA Plug
01-00398	RG2304-LAN - EU	4-Port USB 2.0 Ethernet LAN Extender System, Unbranded Black, 100-240V Power Adapter, EU Plug
01-00399	RG2304-LAN - UK	4-Port USB 2.0 Ethernet LAN Extender System, Unbranded Black, 100-240V Power Adapter, UK Plug
01-00400	RG2304-LAN - AU	4-Port USB 2.0 Ethernet LAN Extender System, Unbranded Black, 100-240V Power Adapter, AU Plug