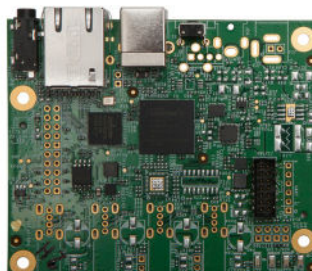


USB 2.0 RG2304-LAN Turnkey Extender

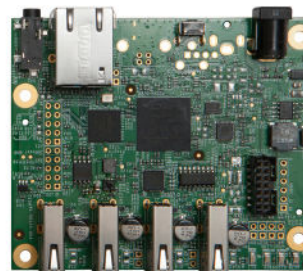
4-port USB 2.0 Ethernet LAN Turnkey Extender

Sold as Turnkey PCBAs

The USB 2.0 RG2304-LAN provides the ability to connect USB devices to hosts across an Ethernet Local Area Network using existing cabling in a ready-to-go turnkey form factor; just add an enclosure.



Local Extender



Remote Extender

Features

The RG2304-LAN Turnkey 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 Turnkey.*

- 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

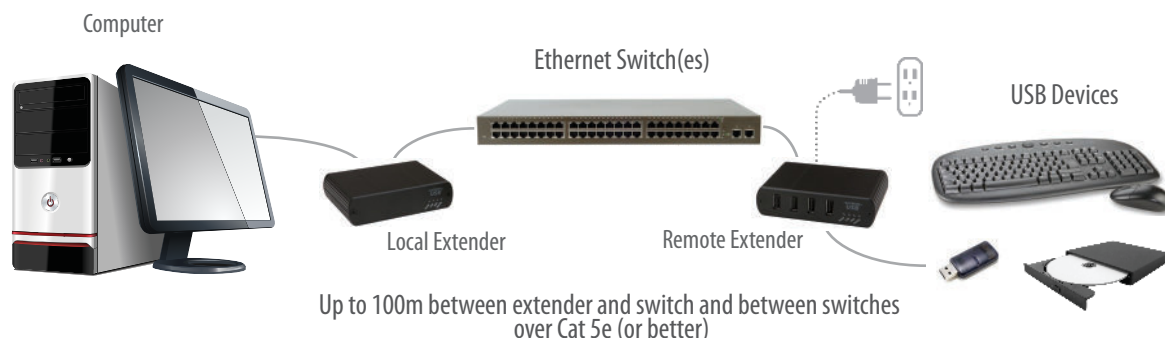
Includes the ExtremeUSB® suite of features:

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

Supports remote pairing control via Icron Technologies' SwitchableUSB™.

Applications

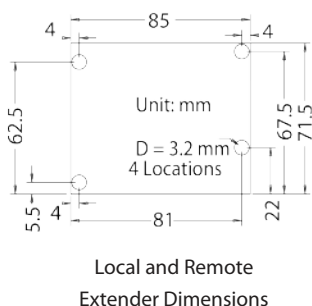
- Remote storage
- Interactive whiteboard
- Video matrix systems
- Keyboard and mouse



* 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.

©2013
Icron Technologies Corp.
#90-00989-A03



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

Maximum Throughput:	Up to 480Mbps*
Traffic Types:	Interrupt, Bulk, and Control**
Device Types:	HID (Mouse and Keyboard), Hubs, Storage Devices**

Standards: 100BASE-T and 1000BASE-T*

Data Traffic: Layer 2

USB Connector:	1 x USB Type B Receptacle
Link Connector:	1 x RJ45
PCB Footprint:	85mm x 71.5mm (3.35" x 2.80")

USB Connectors:	4 x USB Type A Receptacles
Link Connector:	1 x RJ45
PCB Footprint:	85mm x 71.5mm (3.35" x 2.80")
Available Current:	Up to 600mA to each USB port
Power Connector:	5V or 10-24V DC onboard, 10-24V DC 2.1mm center-positive barrel

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

EMC:*** FCC (Class B), CE (Class B)
Environmental: RoHS2 (CE)

Warranty: 2 years

*** Compliance tested in RG2304-LAN enclosure with power supply.

The RG2304-LAN Turnkey includes either a local extender or remote extender, and a two year warranty. For more information email sales@icron.com or call +1 604 638 3920.

PART #	NAME	DESCRIPTION
02-00006	USB 2.0 RG2304-LAN Turnkey LEX	1-Port USB 2.0 Ethernet LAN Local Extender Module (PCBA without housing)
02-00007	USB 2.0 RG2304-LAN Turnkey REX	4-Port USB 2.0 Ethernet LAN Remote Extender Module (PCBA without housing)
21-00054	24V 1A Power Adapter	100-240V, 2.1mm (ID) plug, IEC320-C7/C8 2-pin