

# USB 2.0 RG2304 Extender

## 4-port USB 2.0 100m CAT 5e/6/7 Extender System

*Sold as unbranded or private label*

The USB 2.0 RG2304 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 throughput.



*Local Extender*



*Remote Extender*

### Features

The RG2304 extends all USB 2.0 peripherals such as flash drives, keyboards, mice, webcams and interactive whiteboards across a dedicated CAT 5e/6/7 connection.

- USB 2.0 throughput up to 480Mbps
- Integrated 4-port hub, supports up to 30 devices
- Supplies up to 600mA to each USB port concurrently
- Operates with all USB controllers

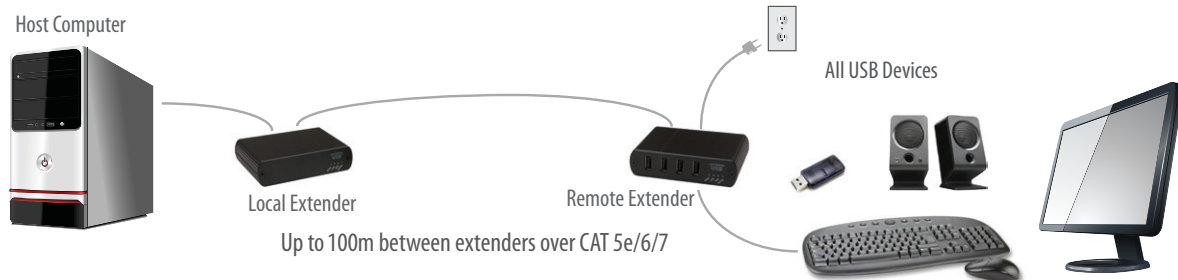
Includes the ExtremeUSB® suite of features:

- Transparent USB extension
- True plug and play; no software drivers required
- Works with all major operating systems: Windows®, OS X® and Linux®

Contact your account representative about Device Class Filtering as a custom option.

### Applications

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



# USB 2.0 RG2304 Specifications

## RANGE

Direct Connect: Up to 100m (330 ft) over solid core CAT 5e/6/7

## USB DEVICE SUPPORT

Maximum USB 2.0 Throughput: Up to 480Mbps

Maximum USB 1.1 Throughput: Up to 12Mbps

Traffic Types: All USB 2.0 and 1.1 Traffic Types

Device Types: All USB 2.0 and 1.1 Device Types

Maximum Number: Up to 30 devices

## 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, 1A 24V DC Output

## 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 B), CE (Class B)

Environmental: RoHS2 (CE)

## SUPPORT

Warranty: 2-year



Specifications subject to change without notification.

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## Ordering Information

The RG2304 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](mailto:sales@icron.com) or call +1 604 638 3920.

PART #	NAME	DESCRIPTION
01-00448	RG2304 - NA	4-Port USB 2.0 100m CAT 5e Extender System, Unbranded Black, 100-240V Power Adapter, NA Plug
01-00449	RG2304 - EU	4-Port USB 2.0 100m CAT 5e Extender System, Unbranded Black, 100-240V Power Adapter, EU Plug
01-00450	RG2304 - UK	4-Port USB 2.0 100m CAT 5e Extender System, Unbranded Black, 100-240V Power Adapter, UK Plug
01-00451	RG2304 - AU	4-Port USB 2.0 100m CAT 5e Extender System, Unbranded Black, 100-240V Power Adapter, AU Plug
01-00537	RG2304 - JP	4-Port USB 2.0 100m CAT 5e Extender System, Unbranded Black, 100-240V Power Adapter, JP Plug
10-00394	USB Extender Mounting Kit (Black)	USB Extender Mounting Kit set of 4 brackets for 2201, 2204, 2212, 2224, 2244, 2304, 3022 (Black)