

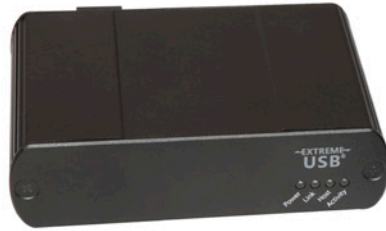
# USB 2.0 RG2224 Extender

## 4-port USB 2.0 500m Multimode Fiber Extender System

*Sold as unbranded or private label*

The RG2224 with ExtremeUSB® technology extends high-speed USB 2.0 connections up to 500m using multimode fiber optic cabling.

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Burnaby, BC,  
V5C 5T5, Canada  
icron.com  
+1 604 638 3920



*Local Extender*



*Remote Extender*

### Features

The RG2224 is ideal for extending USB peripherals including: keyboards, mice, interactive whiteboards, flash drives, hard drives, audio devices, web cameras and any other USB device across a dedicated multimode fiber connection. Key features include:

- Supports USB 2.0 throughputs of up to 480Mbps
- Supplies 500mA to each USB port concurrently
- Integrated hub provides ports for four USB devices, use hubs to add more
- Electrical isolation
- Reliable operation with USB 2.0 and 1.1 devices and hubs

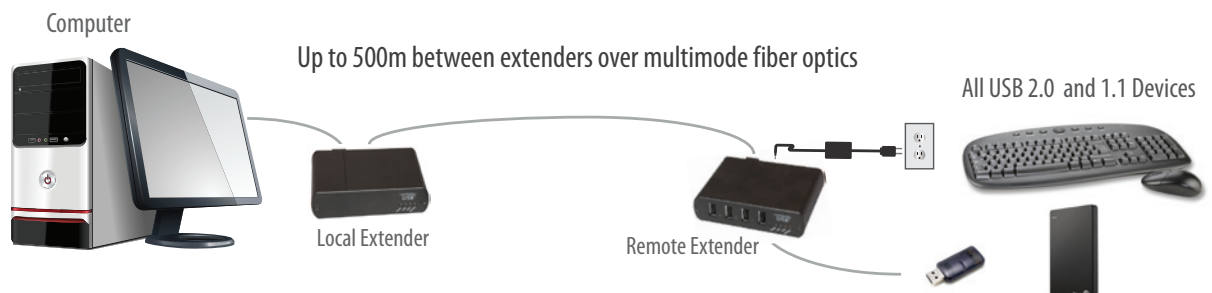
Includes the ExtremeUSB® suite of features:

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

### Applications

- Medical
- Keyboard and mouse extension
- Sensor/data acquisition
- Industrial control

**EXTREME  
USB®**



Specifications subject to  
change without notification.

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#90-01249-A01

# USB 2.0 RG2224 Specifications

## RANGE

Direct Connect: Up to 500m (1640 ft) over OM2 or greater  
Up to 275m (902 ft) over OM1

## SPEEDS

USB 2.0: Up to 480Mbps

USB 1.1: Up to 12Mbps

## LOCAL EXTENDER

USB Connector: 1 x USB Type B Receptacle

Link Connector: 1 x SFP Duplex LC

Dimensions: 100mm x 76mm x 26mm (3.94" x 2.99" x 1.02")

Enclosure Material: Black Anodized Aluminum

## REMOTE EXTENDER

USB Connector: 4 x USB Type A Receptacles

Link Connector: 1 x SFP Duplex LC

Dimensions: 100mm x 76mm x 26mm (3.94" x 2.99" x 1.02")

Enclosure Material: Black Anodized Aluminum

Available Current: 500mA to each USB port

Power Supply: 100-240V AC Input, 3A 5V 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



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## Ordering Information

The USB 2.0 RG2224 system includes a local extender, remote extender, USB cable, Quick Start Guide, international power adapter with country specific power cord and 2-year warranty. For more information email [sales@icron.com](mailto:sales@icron.com) or call +1 604 638 3920.

PART #	NAME	DESCRIPTION
01-00298	RG2224 - NA	Unbranded 4-Port 500m Multimode Fiber Optic Extender System, 100-240V Power Adapter, NA Power Cord
01-00299	RG2224 - EU	Unbranded 4-Port 500m Multimode Fiber Optic Extender System, 100-240V Power Adapter, EU Power Cord
01-00300	RG2224 - UK	Unbranded 4-Port 500m Multimode Fiber Optic Extender System, 100-240V Power Adapter, UK Power Cord
01-00301	RG2224 - AU	Unbranded 4-Port 500m Multimode Fiber Optic Extender System, 100-240V Power Adapter, AU Power Cord