

USB 2.0 Ranger[®] 2104

4-Port 100m Cat 5e Extender System

The USB 2.0 Ranger 2104 extends USB 2.0 beyond the desktop up to 100m over standard Cat 5e* cable using ExtremeUSB[®] technology.



LEX
(Local Extender)



REX
(Remote Extender)

Features

The USB 2.0 Ranger 2104 is ideal for extending USB peripherals including: I/O devices, printers, scanners, web cams, hard drives, flash drives, and mp3 players.

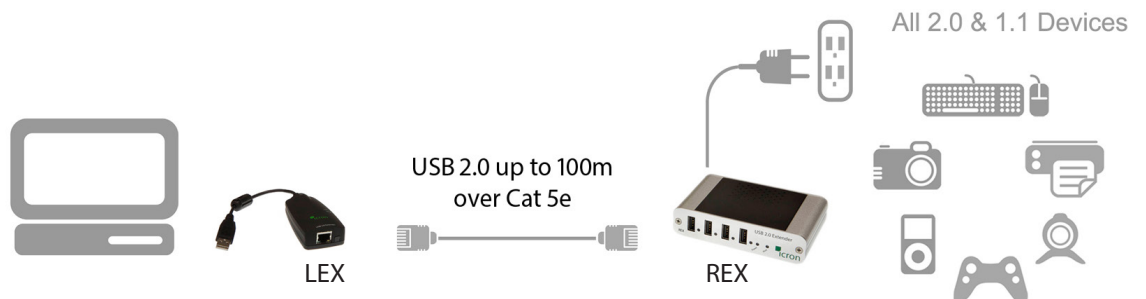
- Supports USB 2.0 high-speed and USB 1.1 (low-speed, full speed) devices
- Operates with USB 2.0 high-speed host controllers and USB 1.1 classic hosts
- Integrated hub provides four port USB; number of devices can be increased using additional USB hubs
- Bus powered local unit at computer; A/C power at remote unit provides standard 500mA at USB

Includes the ExtremeUSB suite of features:

- Plug and Play; no installation of software drivers required
- Supports all major operating systems: Windows[®], Mac OS X[®], and Linux[®]
- Reliable operation with USB 2.0 and 1.1 devices and hubs
- Patented USB extension technology

Applications

- Digital Signage
- Security: web camera, access control
- USB Device Sharing: print, scan, storage
- Remote Desktop USB Connections
- Industrial Control
- Interactive Whiteboard



* This product supports Cat 5e or better cabling (i.e. Cat 6, Cat 7, etc). All references to "Cat 5e" should be read as "Cat 5e or better".



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Specifications subject to
change without notification.

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USB 2.0 Ranger 2104 Specifications



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RANGE

Direct Connect: 100m (330 ft) over Cat 5e (or better)

SPEEDS

USB 2.0: Up to 480Mbps

USB 1.1: Up to 12Mbps

POWER

Power Supply: 100-240V AC input, 5V DC output

LEX

USB Connector: 1 x USB Type A - 15.2cm (6") pigtail

Link Connector: 1 x RJ45

Dimensions: 44mm x 87mm x 24mm (1.72" x 3.43" x 0.95")

Enclosure Material: Black ABS with Rubberized Coating

REX

USB Connector: 4 x USB Type A

Link Connector: 1 x RJ45

Available Current: 4 x 500mA

Dimensions: 110mm x 69mm x 28mm (4.33" x 2.72" x 1.10")

Enclosure Material: Black ABS with Rubberized Coating

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, CE (Class A)

Immunity: CE Criteria A

Environmental: RoHS

SUPPORT

Warranty: 2 years

←EXTREME→
USB

Ordering Information

The USB 2.0 Ranger 2104 system includes a LEX, REX, warranty card, international power adapter, country specific power cord, and two year warranty. Quick Start Guide is located on the outer box sleeve. For more information, email sales@icron.com or call +1 604 638 3920.

PART #	NAME	DESCRIPTION
00-00234	USB 2.0 Ranger 2104 - NA	4-Port Cat 5e 100 meter Extender System, 100-240V Power Adapter, NA Power Cord
00-00235	USB 2.0 Ranger 2104 - EU	4-Port Cat 5e 100 meter Extender System, 100-240V Power Adapter, EU Power Cord
00-00236	USB 2.0 Ranger 2104 - UK	4-Port Cat 5e 100 meter Extender System, 100-240V Power Adapter, UK Power Cord
00-00241	USB 2.0 Ranger 2104 - AU	4-Port Cat 5e 100 meter Extender System, 100-240V Power Adapter, AU Power Cord