USB 2.0 Ranger® 2104

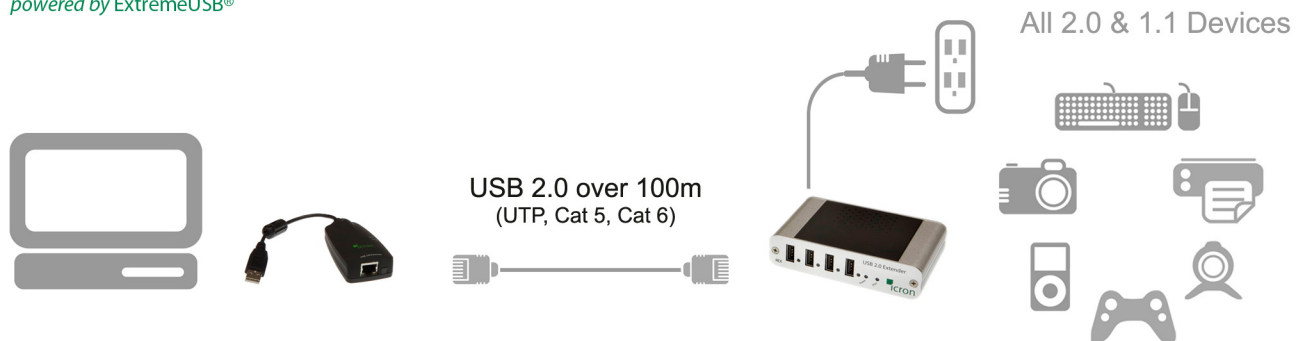## Hi-Speed Extender System

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

Ranger 2104 Features

- 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.
- True plug and play, and ready to operate right out of the box. No new driver installation required.
- Supports all major operating systems including Windows®, Mac OS®, and Linux®
- Integrated hub provides four port USB. Number of devices can be increased using additional USB hubs.
- Ideal for I/O devices, printers, scanners, web cams, hard drives, flash drives and mp3 players.
- Bus powered local unit at computer. A/C power at remote unit provides standard 500mA at USB.

icron
powered by ExtremeUSB®

All 2.0 & 1.1 Devices

USB 2.0 over 100m
(UTP, Cat 5, Cat 6)

Applications

- Automotive Telematics
- Digital Signage
- Home Network Integration
- Industrial Control

- KVM Extension
- Remote Desktop USB Connections
- Security: web camera, access control.
- USB Device Sharing: print, scan, storage.

Ordering Information

The Ranger 2104 system includes a Local Extender (LEX) module, a Remote Extender (REX) module, and power adapter.

Name	Part Number	Description
USB 2.0 Ranger® 2104	00-00234	4-Port Cat 5 Extender, North American 100-240V Power Adapter
USB 2.0 Ranger® 2104	00-00235	4-Port Cat 5 Extender, European 100-240V Power Adapter
USB 2.0 Ranger® 2104	00-00236	4-Port Cat 5 Extender, UK 100-240V Power Adapter
USB 2.0 Ranger® 2104	00-00241	4-Port Cat 5 Extender, Australian 100-240V Power Adapter

Product Specifications

Range	100 metres over Cat 5 (or better) cable
LEX unit USB connector	1 x USB Type A - 6" captivated cable
LEX unit Link connector	1 x RJ45
REX unit Link connector	1 x RJ45
REX unit USB connector	4 x USB Type A
Power adapter Maximum Rating	5V DC @ 3A
Current available to USB at REX	4 x 500mA
LEX unit dimensions	44 mm x 87 mm x 24 mm (1.72" x 3.43" x 0.95")
REX unit dimensions	110 mm x 69 mm x 28 mm (4.33" x 2.72" x 1.10")
Total system shipping weight	0.65 kg (1.42 lbs.)
Operating temperature range	0°C to 50°C
Regulatory testing	FCC, CE Class A
ESD Rating	EMC EN-61000-4-2 4kV Contact, 8kV Air

Specifications subject to change without notification.

Contact Icron Technologies at sales@icron.com for more information or OEM options.