

# USB 2.0 Ranger® 2104

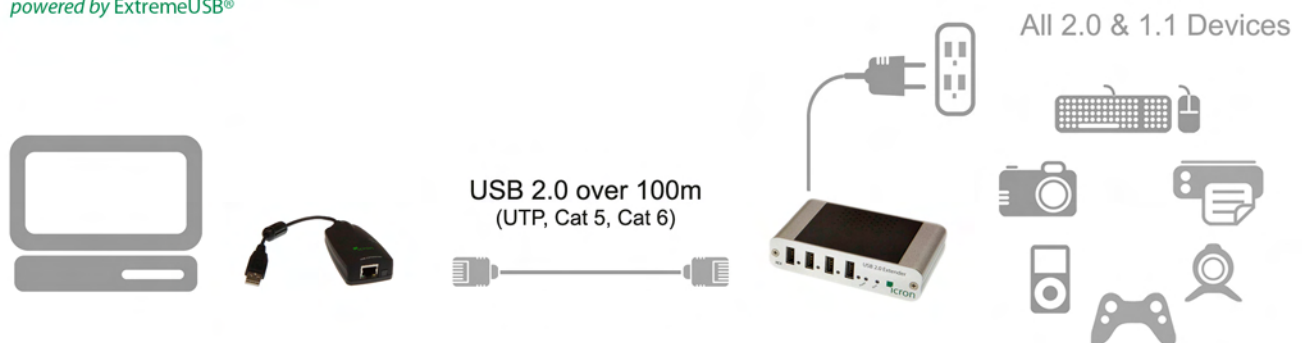
## Hi-Speed Extender System



**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.



## 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.