

# USB 2.0 Ranger® 2101

## USB 2.0 Hi-Speed 100m Cat 5 Extender



**Ranger 2101** extends USB 2.0 beyond the desktop up to 100m over standard Category 5e UTP cable using ExtremeUSB® technology.

### Ranger 2101 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®
- Single port USB extender. Number of devices can be increased using standard 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.



USB 2.0 over 100m  
(UTP, Cat5, Cat6)



All 2.0 & 1.1 Devices



## Applications

- KVM Extension
- Home network integration
- Remote Desktop USB Connections
- Security: Web camera, access control.
- USB device sharing: print, scan, storage.
- Industrial Control
- Automotive Telematics
- Digital Signage

## Ordering Information

The Ranger 2101 system includes a Local Extender (LEX) module, a Remote Extender (REX) module, and power adapter.

Name	Part Number	Description
USB 2.0 Ranger® 2101	00-00231	1-Port CAT-5e Extender, North American 100-240V Power Adapter
USB 2.0 Ranger® 2101	00-00232	1-Port CAT-5e Extender, European 100-240V Power Adapter
USB 2.0 Ranger® 2101	00-00233	1-Port CAT-5e Extender, UK 100-240V Power Adapter

## Product Specifications

Range (Category 5e UTP cable)	100 meters (330 ft)
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	1 x USB Type A
Power adapter Maximum Rating	5V DC @ 1.5A
Current available to USB at REX	500mA
LEX unit dimensions	43.72 mm x 87 mm x 21.57 mm (1.72" x 3.43" x 0.85")
REX unit dimensions	43.72 mm x 87 mm x 21.57 mm (1.72" x 3.43" x 0.85")
Total system shipping weight	0.195 kilograms ( .43lbs)
Operating temperature range	0°C to 50°C
Regulatory testing	FCC Class A CE
ESD Rating	EMC EN-61000 4kV Contact, 8kV Air

Specifications subject to change without notification.

Contact Icron Technologies Sales at [sales@icron.com](mailto:sales@icron.com) for more information or OEM options.