

USB 2.0 Ranger® 2101

1-Port 100m Cat 5e Extender System

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



Features

The USB 2.0 Ranger 2101 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
- Single port USB extender; number of devices can be increased using standard 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".



4664 Lougheed Hwy.
Suite 221
Burnaby, BC,
V5C 5T5, Canada

www.icron.com
sales@icron.com
+1 604 638 3920



Specifications subject to
change without notification.

©2012
Icron Technologies Corp.
#90-00485-A08

USB 2.0 Ranger 2101 Specifications



Specifications subject to change without notification.
©2012
Icron Technologies Corp.
#90-00485-A08

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: 1 x USB Type A

Link Connector: 1 x RJ45

Available Current: 500mA

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

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



Ordering Information

The USB 2.0 Ranger 2101 system includes a LEX, REX, warranty card, international power adapter 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
00-00231	USB 2.0 Ranger 2101 - NA	1-Port Cat 5e 100 meter Extender System, 100-240V Power Adapter, fixed NA Plug
00-00232	USB 2.0 Ranger 2101 - EU	1-Port Cat 5e 100 meter Extender System, 100-240V Power Adapter, fixed EU Plug
00-00233	USB 2.0 Ranger 2101 - UK	1-Port Cat 5e 100 meter Extender System, 100-240V Power Adapter, fixed UK Plug
00-00240	USB 2.0 Ranger 2101 - AU	1-Port Cat 5e 100 meter Extender System, 100-240V Power Adapter, fixed AU Plug