USB 2.0 Ranger® 2311

1-Port USB 2.0 100m CAT 5e/6/7 Extender System with Flexible Power

DirekTronik

The USB 2.0 Ranger® 2311 extends high-speed USB 2.0 connections up to 100m using CAT 5e/6/7 with the option to power either the LEX (Local Extender) or REX (Remote Extender).

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LEX

REX

Features

The Ranger 2311 is ideal for extending USB peripherals including: keyboards, mice, interactive whiteboards, flash drives, hard drives, audio devices, web cameras and any other USB device.
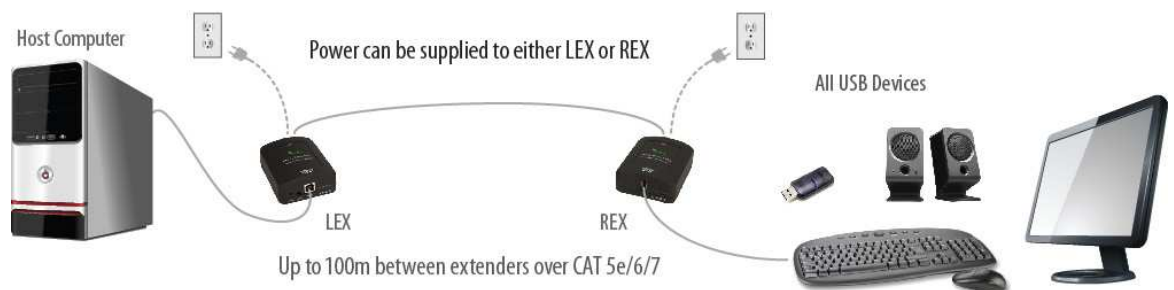
- ■ Flexible power — connect the power adapter to either the LEX or REX
- ■ Supplies up to 1 Amp to USB port
- ■ Mass Storage Acceleration for USB 2.0 device bulk transfers
- ■ Supports throughputs of up to 480 Mbps

Includes the ExtremeUSB® suite of features:

- ■ Transparent USB extension
- ■ Plug and play; no software drivers required
- ■ Works with all major operating systems: Windows®, macOS™ and Linux®

Applications

- ■ Interactive white board
- ■ Sensor/data acquisition
- ■ Keyboard and mouse extension
- ■ Industrial control

Host Computer   Power can be supplied to either LEX or REX   All USB Devices

LEX   REX

Up to 100m between extenders over CAT 5e/6/7

EXTREME USB®

RANGE

Direct Connect:	Up to 100m (330 ft) over CAT 5e/6/7

SPEEDS

USB 2.0:	Up to 480 Mbps
USB 1.1:	Up to 12 Mbps

POWER

Power Supply:	100-240V AC Input, 24V 1A DC Output

LEX (LOCAL EXTENDER)

USB Connector:	1 x USB Type B Receptacle
Link Connector:	1 x RJ45
Dimensions:	65.0mm x 87.5mm x 30.0mm (2.6" x 3.4" x 1.2")
Mounting:	Slots for Cable Ties
Enclosure Material:	Black ABS with Rubberized Coating

REX (REMOTE EXTENDER)

USB Connector:	1 x USB Type A Receptacle
Link Connector:	1 x RJ45
Available Current:	Up to 1 Amp to USB port
Dimensions:	65.0mm x 87.5mm x 30.0mm (2.6" x 3.4" x 1.2")
Mounting:	Slots for Cable Ties
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 (Class A), CE (Class A)
Environmental:	RoHS2 (CE)
Safety:	Flammability V-0

SUPPORT

Warranty:	2-year

EXTREME USB®

DIREKTRONIK

Ordering Information

The USB 2.0 Ranger® 2311 system includes a LEX, REX, USB Cable, Quick Start Guide, international power adapter with country specific power cord and two-year warranty. For more information, email **sales@icron.com** or call +1 604 638 3920.

PART #	NAME	DESCRIPTION
00-00401	USB 2.0 Ranger® 2311 - NA	1-Port USB 2.0 Flexible Power CAT 5e/6/7 100m Extender System, 100-240V Power Adapter, NA Power Cord
00-00402	USB 2.0 Ranger® 2311 - EU	1-Port USB 2.0 Flexible Power CAT 5e/6/7 100m Extender System, 100-240V Power Adapter, EU Power Cord
00-00403	USB 2.0 Ranger® 2311 - UK	1-Port USB 2.0 Flexible Power CAT 5e/6/7 100m Extender System, 100-240V Power Adapter, UK Power Cord
00-00404	USB 2.0 Ranger® 2311 - AU	1-Port USB 2.0 Flexible Power CAT 5e/6/7 100m Extender System, 100-240V Power Adapter, AU Power Cord
00-00405	USB 2.0 Ranger® 2311 - JP	1-Port USB 2.0 Flexible Power CAT 5e/6/7 100m Extender System, 100-240V Power Adapter, JP Power Cord