USB 1.1 Rover® 1850
1-Port USB 1.1 85m* CAT 5e/6/7 Extender System

The Rover 1850 extends USB 1.1 connections beyond the desktop up to 85* meters.

LEX (Local Extender)

Actual cable length
45.7cm (18")

REX (Remote Extender)

Actual cable length
15.2cm (6")

Features

The Rover 1850 uses technology ideal for extending USB peripherals including: keyboards, mice, interactive white boards, and game controllers and does not require external power adapters. Key features include:

■   Remote extender supplies up to 400mA** to USB devices

■   Supports both full-speed (12Mbps) and low-speed (1.5Mbps) throughputs

■   Reliable operation with all USB 2.0 and 1.1 devices, including hubs

■   Robust ESD and EFT immunity for industrial environments

■   3-year warranty

Includes the ExtremeUSB® suite of features:

■   Transparent USB extension

■   True plug and play; no software drivers required

■   Works with all major operating systems: Windows®, macOS™, Linux® and Chrome OS™

Applications

■   Interactive white board

■   Sensor/data acquisition

■   Keyboard and mouse

■   Industrial control
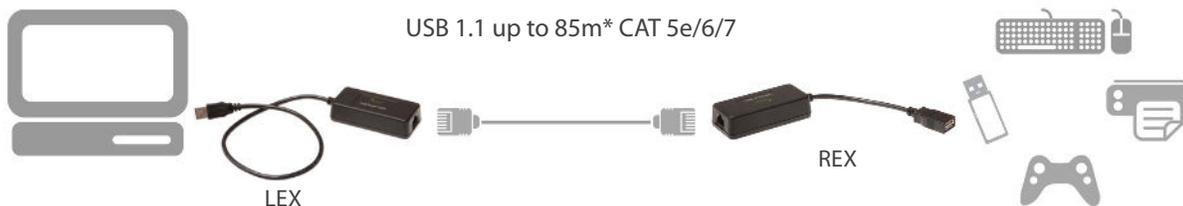
USB 1.1 up to 85m* CAT 5e/6/7

LEX

REX

* Up to 40m for all USB devices; 85m is achievable for most low powered HID USB devices.

** 400mA when LEX is supplied with 700mA

EXTREME
USB®

RANGE

Full-Speed and Low-Speed:	Up to 40m (131 ft)
Low-Speed:	Up to 85m (279 ft)*

LEX (LOCAL EXTENDER)

USB Connector:	1 x USB Type A Plug
Pig Tail Length:	45.7cm (18")
Link Connector:	1 x RJ45
Dimensions:	85mm x 40mm x 22mm (3.34" x 1.57" x 0.87")
Enclosure Material:	Black ABS

REX (REMOTE EXTENDER)

USB Connector:	1 x USB Type A Receptacle
Pig Tail Length:	15.2cm (6")
Link Connector:	1 x RJ45
Maximum Current Available:	400mA when LEX is supplied with 700mA
Dimensions:	85mm x 40mm x 22mm (3.34" x 1.57" x 0.87")
Enclosure Material:	Black ABS

ENVIRONMENTAL

Operating Temperature:	0°C to 50°C (32°F to 122°F)

COMPLIANCE

Certifications:	FCC (Class A), CE (Class A), RoHS2/3 (CE), ICES-003 Issue 7, EN 62368-1, CPSIA, Flammability V-1

SUPPORT

Warranty:	3-year

EXTREME USB®

* device and host dependant

Ordering Information

The USB 1.1 Rover® 1850 system includes a LEX, REX, Quick Start Guide and three-year warranty.

For more information, contact us at www.icron.com/contact or call +1 604 638 3920.

PART #	NAME	DESCRIPTION
00-00301	USB 1.1 Rover® 1850	1-Port 85m CAT 5e/6/7 Bus-Powered USB Extender System