



USB Rover® 2850

2-port USB 1.1 40m Cat 5 Extender system

The USB Rover® 2850 extends USB connections beyond the desktop up to 40 meters (85 meters achievable with some Low-Speed HID devices such as keyboards and mice).



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Local Extender (LEX)



Remote Extender (REX)

Features

The USB Rover® 2850 extends USB peripherals such as: keyboards, mice, interactive white boards, and game controllers without the need for external power adapters.

- Plug and play. No software drivers required
- Supports all major operating systems: Windows®, Mac OS X®, and Linux®
- Reliable operation with all USB 1.1 and 2.0 devices including hubs
- Supports both Full-Speed (12 Mbps) and Low-Speed (1.5 Mbps) throughputs
- Supplies up to 400mA* to USB devices
- Industrial rated ESD/EFT immunity
- FCC/CE Class B emissions
- 3-year warranty



Applications

- Interactive White Board
- Keyboard and Mouse
- Sensor/Data Acquisition
- Industrial Control



* 400mA when LEX is supplied with 800mA from host PC

Specifications subject to
change without notice.
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USB Rover® 2850 Specifications



RANGE

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

LOCAL EXTENDER (LEX)

USB Connector:	1 x USB Type B Receptacle
Link Connector:	1 x RJ45
Dimensions:	85mm x 55mm x 22mm (3.34" x 2.17" x 0.87")
Enclosure:	Black ABS

REMOTE EXTENDER (REX)

USB Connector:	2 x USB Type A Receptacles
Link Connector:	1 x RJ45
Dimensions:	85mm x 55mm x 22mm (3.34" x 2.17" x 0.87")
Enclosure:	Black ABS
Maximum Current Available:	400mA shared between USB ports when LEX is supplied with 800mA

ENVIRONMENTAL

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

Emissions:	FCC (Class B), CE (Class B)
Immunity:	CE Criteria A
Environmental:	RoHS
Safety:	CPSIA, Flammability V-1

SUPPORT

Warranty:	3 years
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* device and host dependant

Ordering Information

The USB Rover® 2850 system includes a LEX, REX, USB Cable, Quick Start Guide and three year warranty. For more information, email sales@icron.com or call +1 604 638 3920.

PART NUMBER	NAME	DESCRIPTION
00-00312	USB ROVER® 2850	2-Port Cat 5 40 meter bus-powered USB Extender System