



# USB Rover® 1850

## Cat 5 USB 1.1 Extender

The USB Rover® 1850 extends USB 1.1 connections beyond the desktop up to 40 meters (85 meters may be achievable with low-speed HID devices such as keyboards and mice).



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

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

Local Extender



Remote Extender



## USB Rover® 1850 Features

The USB 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.

- Plug and play. No software drivers required
- Supports all major operating systems: Windows, Mac OS X, Linux
- Reliable operation with more USB devices including USB 1.1 web cameras and USB hubs
- Remote extender supplies up to 400mA\* to USB devices
- Provides support for any full-speed (12 Mbps) or low-speed (1.5 Mbps) USB device
- Robust ESD and EFT immunity for industrial environments
- Designed and FCC/CE certified in North America



Specifications subject to  
change without notification.  
©2012  
Icron Technologies Corp.  
#90-00874-A02

\* 400mA when LEX is supplied with 600mA

\*\* 85m may be achievable with low-speed HID devices

EXTREME  
USB

## USB Rover® 1850

### Applications

- Interactive White Board
- Corporate Board Room: USB Device Extension
- KVM Extension: Keyboard and Mouse
- Industrial Control



Specifications subject to change without notification.  
©2012  
Icron Technologies Corp.  
#90-00874-A02

### PERFORMANCE

Reach: 131 feet (40 meters). 279 feet (85 meters) may be achievable with low-speed HID devices.

### LOCAL EXTENDER

LEX unit USB Connector: 1 x USB Type A Plug  
 LEX unit - Pig Tail Length: 18" (45.7cm)  
 LEX unit Link Connector: 1 x RJ45  
 Dimensions: 3.34" x 1.57" x 0.98" (85mm x 40mm x 25mm)

### REMOTE EXTENDER

REX unit USB Connector: 1 x USB Type A Receptacle  
 REX unit - Pig Tail Length: 6" (15.2cm)  
 REX unit Link Connector: 1 x RJ45  
 Maximum current available at REX: 400mA when LEX is supplied with 600mA  
 Dimensions: 3.34" x 1.57" x 0.98" (85mm x 40mm x 25mm)

### ENVIRONMENTAL

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

### CERTIFICATIONS

EMC: FCC (Class A), CE (Class A)  
 ESD Criteria A (±16kV Air, ±8kV Contact)  
 EFT Criteria A  
 Compliance: RoHS, CPSIA



### Ordering Information

The USB Rover® 1850 system includes a Local Extender (LEX) module, a Remote Extender (REX) module, and a Quick Start Guide. The extender is covered by up to a three year warranty.

For more information, email [sales@icron.com](mailto:sales@icron.com) or call +1 604 638 3920.

PART NUMBER	NAME	DESCRIPTION
00-00301	USB ROVER® 1850	1-Port Cat 5 USB 1.1 Extender