

USB 1.1 RV2850 Turnkey Extender

2-port USB 1.1 40m Cat 5 Turnkey Extender

Sold as Turnkey PCBAs

The RV2850 extends USB connections beyond the desktop up to 40 meters.
(85 meters achievable with some Low-Speed HID devices such as keyboards and mice).



Local Extender

Remote Extender

Features

The RV2850 extends USB peripherals such as: keyboards, mice, interactive white boards, and game controllers without the need for external power adapters.

- Remote extender supplies up to 400mA* to USB devices
- Supports both Full-Speed (12 Mbps) and Low-Speed (1.5 Mbps) throughputs
- 3-year warranty

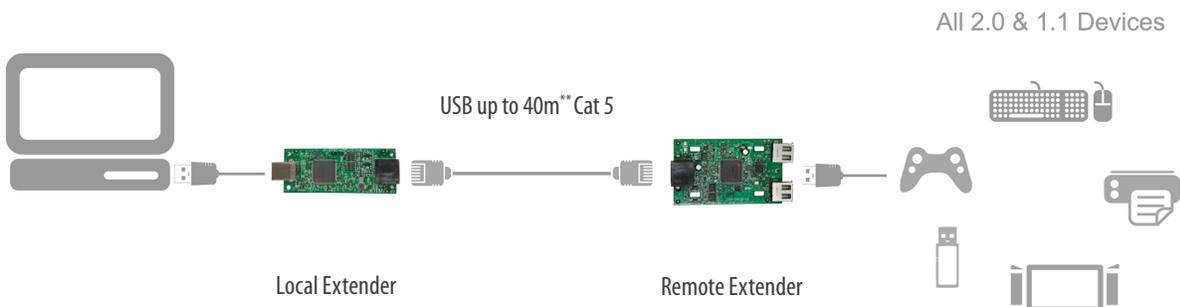
Includes the ExtremeUSB® suite of features:

- True plug and play. No software drivers required
- Supports all major operating systems: Windows®, Mac OS X®, and Linux®
- Reliable operation with USB 2.0 and 1.1 devices, including hubs



Applications

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



*400mA when Local Extender is supplied with 800mA from host PC
**85m may be achievable with some Low-Speed HID devices

RV2850 Turnkey Specifications



Specifications subject to change
without notification.
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RANGE

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

LOCAL EXTENDER

USB Connector:	1 x USB Type B Receptacle
Link Connector:	1 x RJ45
Dimensions:	83mm x 30mm x 17mm (3.27" x 1.18" x 0.67")

REMOTE EXTENDER

USB Connectors:	2 x USB Type A Receptacles
Link Connector:	1 x RJ45
Dimensions:	83mm x 45mm x 17mm (3.27" x 1.77" x 0.67")
Maximum current available:	400mA shared between USB ports when Local Extender 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

SUPPORT

Warranty:	3 years
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* device and host dependent
** tested with RV2850 enclosure

Ordering Information

The RV2850 Turnkey is available as a local extender, or remote extender and comes with a three year warranty.

For more information, email sales@icron.com or call +1 604 638 3920.

PART #	NAME	DESCRIPTION
02-00002	USB 1.1 Turnkey 2850 LEX	1-Port Cat 5 40 meters Local Extender Module (PCBA without housing)
02-00003	USB 1.1 Turnkey 2850 REX	2-Port Cat 5 40 meters Remote Extender Module (PCBA without housing)