

# USB 1.1 RV1850 Extender

## 1-port USB 1.1 85m\* Cat 5e Extender System

*Sold as unbranded or private label*

The RV1850 extends USB 1.1 connections beyond the desktop up to 85\* meters.

### Local Extender



Actual cable length  
45.7cm (18")

### Remote Extender



Actual cable length  
15.2cm (6")

## Features

The RV1850 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 (12 Mbps) and low-speed (1.5 Mbps) 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

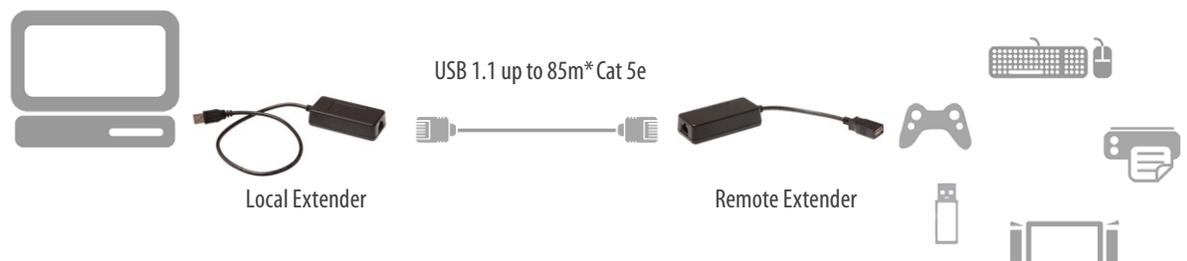
Includes the ExtremeUSB® suite of features:

- Transparent USB extension
- True plug and play; no software drivers required
- Works with all major operating systems: Windows®, Mac OS X®, and Linux®

## Applications

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

←EXTREME  
USB®



Specifications subject to  
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#90-00945-A07

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

\*\* 400mA when local extender is supplied with 700mA

# USB 1.1 RV1850 Specifications

## 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 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

## REMOTE EXTENDER

USB Connector: 1 x USB Type A Receptacle

Pig Tail Length: 15.2cm (6")

Link Connector: 1 x RJ45

Available Current: 400mA when local extender 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

Emissions: FCC (Class A), CE (Class A)

Immunity: CE Criteria A

Environmental: RoHS2 (CE)

Safety: CPSIA, Flammability V-1

## SUPPORT

Warranty: 3-year

\* device and host dependant



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## Ordering Information

The USB 1.1 RV1850 system includes a local extender, remote extender, Quick Start Guide and 3-year warranty.

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

PART #	NAME	DESCRIPTION
01-00366	USB 1.1 RV1850	Unbranded 1-Port 85m Cat 5e bus-powered USB Extender System