

## 100 Meter USB 2.0 Extender Transmitter & Receiver

### APPLICATION

Extend USB 2.0 signals from computer to device or hub up to 100 meters (328 feet) over a single category-rated cable. Utilize for USB devices such as interactive short-throw projectors, displays, HD web cameras, and printers in classrooms and conference rooms to overcome the distance limitations of standard USB cables.



### SPECIFICATION

USB 2.0 extender shall comply with USB 2.0 specification and support High-Speed (480 Mbps), Full Speed (12 Mbps) and Low-Speed (1.5 Mbps) protocols over single Category cable up to 100 meters (328 feet). Extender shall include two receiver ports supporting up to 1A power per port or 1.5A total shared. It shall include Icron ExtremeUSB® technology for transparent signal extension with no software drivers, and plug-and-play operation on all major operating systems (Windows®, macOS® and Linux®), and support xHCI (eXtensible Host Controller Interface) for enumeration with USB 3.x devices. Extender shall also include capability to power the receiver from the transmitter end of the category cable link. Extender transmitter and receiver shall have metal enclosure and include mounting brackets and a 2 m (6 ft) USB Type A to Type B cable for computer to transmitter connection.

### FEATURES

- 2-port receiver capable of supplying up to 1 A of power per port or 1.5 A total shared
- Complies with USB 2.0 specification and supports xHCI (eXtensible Host Controller Interface) for enumeration with USB 3.x devices
- Supports High-Speed (480 Mbps), Full Speed (12 Mbps) and Low-Speed (1.5 Mbps) devices
- Supports maximum 30 USB devices or 4 hubs with 26 devices
- Single power supply to power receiver can be located at receiver or transmitter end of the category cable link
- Includes Icron ExtremeUSB® technology for transparent extension, no software driver plug-and-play operation on all major operating systems

### DESIGN CONSIDERATIONS

- Category 6A cable link recommended
- Mounting brackets and fasteners included
- 2 m (6 ft) USB Type A to Type B cable included for connection between computer and transmitter

### STANDARDS COMPLIANCE

- CE, FCC Class B

### SPECIFICATIONS

Dimensions:	75 mm W x 26 mm H x 87 mm D 3.0" W x 1.0" H x 3.4" D
Materials:	Anodized aluminum enclosure
Power input:	100-240VAC 50/60Hz
Power output:	24VDC 1 A
Temperature:	0°C to 50°C (32°F to 122°F) 20%-80% RH Operating -20°C to 70°C (-4°F – 158°F) 10%-90% RH Storage
Transmitter:	Input: 1x USB Type B Output: 1x RJ45
Receiver:	Input: 1x RJ45 Output: 2x USB Type A

### COUNTRY OF ORIGIN

China

### WARRANTY INFORMATION

For a copy of Leviton product warranties, visit [www.leviton.com/warranty](http://www.leviton.com/warranty).

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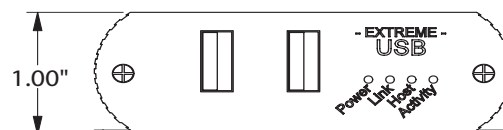
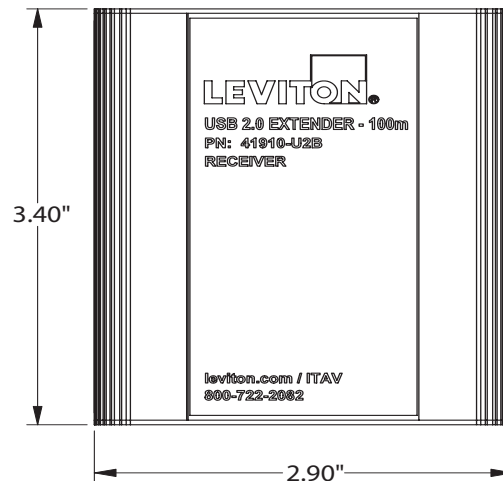
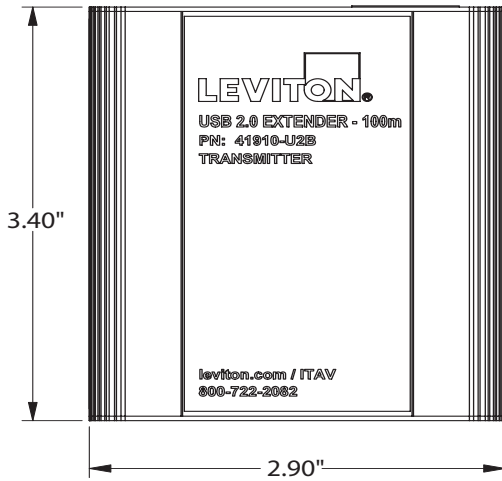
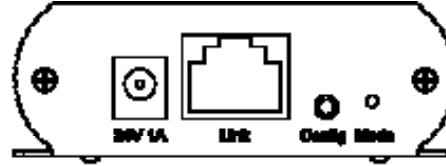
**ELECTRONIC FILES**

For CAD files, typical specs, or dimensional line art (.DXF, .DWG), visit [www.leviton.com](http://www.leviton.com).

USB 2.0 Extender Transmitter



USB 2.0 Extender Receiver



41910-U2B

**PART NUMBERS**

Description	Part No.
USB 2.0 Extender Transmitter and Receiver, 100 meters	41910-U2B