# EXT3-U-R

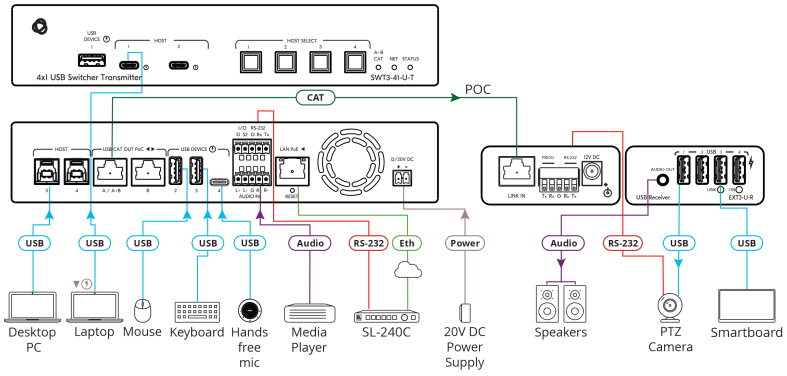
USB Receiver

| CAT

EXT3-U-R is a comprehensive 2-way powering USB 2.0 receiver over extended-reach twisted pair CAT cable. The receiver converts the transmitted CAT signal into USB 2.0, RS-232 and audio signals

## FEATURES

- **Comprehensive USB Extender** - Plug & play USB extender kit for providing extended-reach CAT signals and 2-way power over twisted pair copper infrastructures. A local USB host is auto-connected to remote-connected USB devices employing either interrupt, bulk or isochronous USB 2.0 standard data transfer communication
- **Flexible USB Connectivity** - Wide Variety of USB peripheral and dual-role devices can be extended including cameras, touch screens, smart boards, hard drives, game controllers, audio devices, printers, scanners, or HID (Human Interface Devices) devices such as a mouse or keyboard
- **USB Peripherals Charging** - Fast USB charging of peripheral devices when the receiver is powered by a power supply, and standard USB charging when the receiver is powered by the transmitter via CAT
- **Bidirectional RS-232 Extension** - Serial interface data flows in both directions, allowing data transmission and device control
- **Audio Extension** - The transmitted analog audio line signal, from the remote audio source, is connected to the locally connected audio playing device
- **Cost–effective Maintenance** - Status LED indicators facilitate easy local maintenance and troubleshooting
- **Easy Installation** - Single twisted-pair cable for carrying signal and power wiring. Compact PicoTOOLS® fan–less enclosure for device-back mounting, or side-by-side mounting of 4 units in a 1U rack space with the recommended rack adapter

## TECHNICAL SPECIFICATIONS

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|---|---|
| Inputs | 1 CAT: On an RJ–45 female connector for extension line |
| Outputs | 1 Stereo Analog Unbalanced Audio On a 3.5mm mini jack connector for audio extension |
| Ports | 4 USB 2.0 Devices On USB−A female connectors<br>1 RS–232: On a 3–pin terminal block |
| Extension Line | Reach Up to 100m (330ft)<br>Note Using Kramer cables |
| Extended USB | Data Rate: Up to 480Mbps<br>Integrated USB Hubs: 1<br>Transmitted Data Bandwidth: Up to 300Mbps<br>Standards Compliance: USB 2.0 and 1.1 |
| Extended RS-232 | Baud Rate: 9600 |
| Power | Power Adapter:<br>Source: 12V DC, 2A<br>Consumption: 12V DC, 1500mA<br>USB Device Charging<br>Max. Total Current: 2A |
| Enclosure | Size: Pico Tools<br>Type: Aluminum<br>Cooling: Convection ventilation |
| Product Dimensions | 6.22cm x 5.18cm x 2.44cm (2.45" x 2.04" x 0.96" ) W, D, H |
| Product Weight | 0.1kg (0.2lbs) approx |
| Shipping Dimensions | 15.70cm x 12.00cm x 8.70cm (6.18" x 4.72" x 3.43" ) W, D, H |
| Shipping Weight | 0.0kg (0.0lbs) approx |