

EXT3-U-R
USB Receiver



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

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 an USB-A female connectors

1 RS-232: On a 3-pin terminal block

Extension Line Reach Up to 100m (330ft)

Note Using Kramer cables

Extended USB Data Rate: Up to 480Mbps

Integrated USB Hubs: 1

Transmitted Data Bandwidth: Up to 300Mbps

Standards Compliance: USB 2.0 and 1.1

Extended RS-232 Baud Rate: 9600

Power Adapter:

Source: 12V DC, 2A

Consumption: 12V DC, 1500mA

USB Device Charging Max. Total Current: 2A

Enclosure Size: Pico Tools

Type: Aluminum

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 49.00cm x 18.60cm x 58.80cm (19.29" x 7.32" x 23.15") W, D, H

Shipping Weight 0.0kg (0.0lbs) approx

