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EXT3-UE-R

USB 2.0 and Ethernet PoC Receiver

| CAT



EXT3-UE-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, Ethernet, RS-232 and audio signals

FEATURES

Comprehensive USB Extension - Plug & play USB over CAT receiver for connecting a remote USB host to the locally connected USB peripherals, employing either interrupt, bulk or isochronous USB 2.0 standard data transfer communication

Simple USB Peripheral Control - Remote IP-driven or serial control, via the CAT-extended control signals of the connected USB peripherals, such as PTZ cameras and soundbars by a remote LAN-connected control system (for example, Kramer Control)

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 connected USB peripherals when the receiver is powered by a power supply, and standard USB charging when the receiver is powered by the transmitter via CAT

Bidirectional Ethernet Extension - LAN interface data flows in both directions, allowing network data transmission and connected-devices control

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

Comprehensive and Cost-effective Management - Local panel indication LEDs facilitate easy local maintenance and troubleshooting. Remote management of connected triggerable I/O devices (such as sensors), via user-friendly embedded web pages and optional whole site management system, ensure lasting and field proven deployment

Easy Installation - Single twisted-pair cable for carrying signal and power wiring. Compact TOOLS® fan-less enclosure for device-back mounting, or side-by-side mounting of 3 units in a 1U rack space with the recommended rack adapter



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TECHNICAL SPECIFICATIONS

Inputs	1 CAT: On an RJ-45 female connector for extension line
Outputs	1 Stereo Analog Balanced Audio: On a 5-pin terminal block for audio extension
Ports	3 USB 2.0 Devices: On USB-A female connectors 1 USB 2.0 Devices: On a USB-C female connector 1 PoE-accepting Ethernet: On an RJ-45 female connector for LAN connection and extension over CAT link 1 RS-232: On a 3-pin terminal block 2 GPIO: On a 2-pin terminal block
Power	USB Device Charging: Max. Total Current: [Device powered via HDBT PoC]: 0.5A Power Adapter: Source: 12V DC/2A (not included) Consumption: 1.1A Max. Power: 12W PoE: Consumption: 0.15A Max. Power: 3W USB Device Charging: Max. Total Current: [Device powered via power supply unit or LAN PoE]: 2A USB Device Charging: Max. Total Current: [Device powered via HDBT PoC]: 0.5A
Extension Line	Reach: Up to 100m (330ft) Note: When 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 Ethernet	Data Rate: Up to 100Mbps
Extended RS-232	Baud Rate: 9600
Enclosure	Size Tools Material: Aluminum Cooling: Convection ventilation
Product Dimensions	12.00cm x 7.15cm x 2.44cm (4.72" x 2.81" x 0.96") W, D, H
Product Weight	0.2kg (0.5lbs) approx
Shipping Dimensions	49.00cm x 18.60cm x 58.80cm (19.29" x 7.32" x 23.15") W, D, H
Shipping Weight	1.0kg (2.1lbs) approx

