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

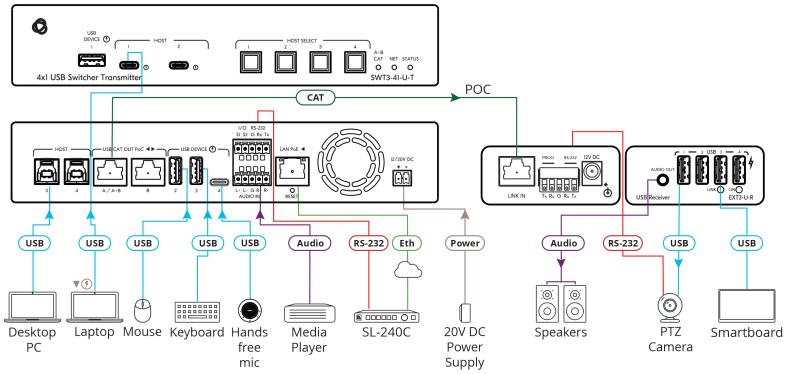
USB Peripherals Charging - Fast USB charging of peripheral devices when the receiver is powered by a power supply, and standard USB charging when the receiver is powered by the transmitter via CAT

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

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
	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	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