

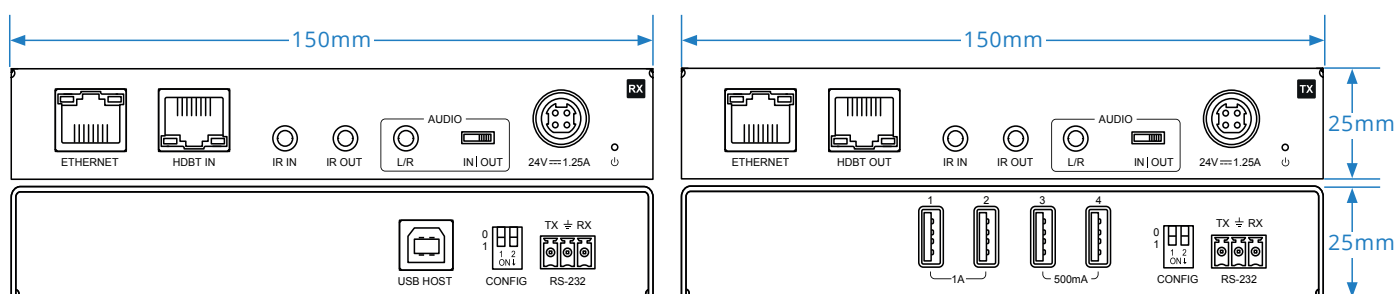
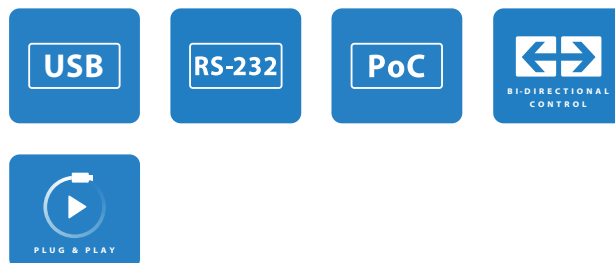
## USB 2.0 HDBaseT™ Extender set

### Description

The UEX100E-KIT is a USB extender kit utilising HDBaseT™ technology to extend USB 2.0, 2CH analogue audio and control signals up to 100m over a single CAT cable.

The UEX100E-KIT allows up to 4 USB devices to be connected to a single USB host with support for a transmission data bandwidth up to 480Mbps and is backwards compatible with USB 1.1 devices.

The UEX100E-KIT also provides bi-directional Power over Cable (PoC), bi-directional IR and RS-232 and 2CH analogue and Ethernet pass through.



### Key Features

- Extends USB up to a distance of 100m over a single CAT cable using HDBaseT™ Technology\*
- Supports USB 2.0 signal extension
- Backwards compatible with USB 1.1 devices
- Transmitted data bandwidth up to 480Mbps
- 1x USB-B port on the transmitter for connection to host device
- 4x USB-A ports on receiver for connection to devices
- USB-A ports 1-2 support 5V1A, USB-A ports 3-4 support 5V500mA
- Bi-directional Ethernet pass through (100Mbps)
- Bi-directional IR & RS-232 pass through
- Supports 2CH PCM Analogue Audio pass through (direction selectable)
- Bi-directional PoC (Power over Cable) to power extenders from either the transmitter or receiver
- Simple plug and play, no driver installation or setup required.

\*Signal distribution length subject to length of device and host USB cables and CAT cable type

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## Connectivity - TX

- CAT Connectors: 1x RJ45 connector
- USB Port: 1x USB-Type B
- Audio Input/Output Connector: 1x Analogue audio L/R (3.5mm stereo Jack)
- Ethernet port: 1x RJ45 connector
- RS-232 serial port: 1x 3-pin Phoenix connector
- IR Input ports: 1x 3.5mm stereo jack
- IR Output ports: 1x 3.5mm mono jack
- CTRL: 2-PIN DIP switch

## Connectivity - RX

- CAT Connectors: 1x RJ45 connector
- USB Port: 1x USB-Type B
- Audio Input/Output Connector: 1x Analogue audio L/R (3.5mm stereo Jack)
- Ethernet port: 1x RJ45 connector
- RS-232 serial port: 1x 3-pin Phoenix connector
- IR Input ports: 1x 3.5mm stereo jack
- IR Output ports: 1x 3.5mm mono jack
- CTRL: 2-PIN DIP switch

## Specifications

- Power Supply: 24V/1.25A DC
- Dimensions (W x D x H): 150mm x 100mm x 25mm (TX/RX)
- Shipping Weight: 1.6kg
- Operating Temperature: 32°F to 104°F (-5°C to +55°C)
- Storage Temperature : -4°F to 140°F (-25°C to +70°C)

## Included Accessories

Power Supply	1 x 24V/1.25A DC
Cables	1 x USB-A to USB-B 1 x 3-pin Phoenix RS-232
Mount	2 x Mounting Kit
IR Accessories	1 x IRR, 1 x IRE
Rubber Feet	4 x

## Regulatory Compliance



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