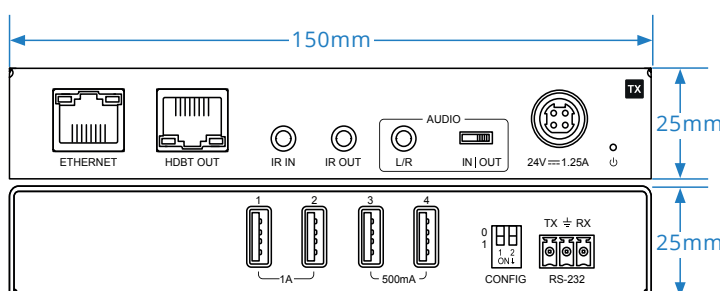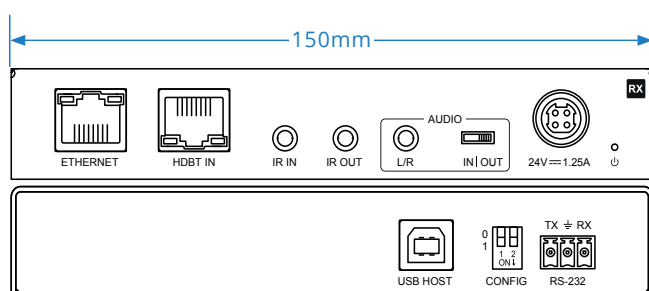# UEX100E-KIT

BLUSTREAM

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.

USB | **RS-232** | **PoC** | **BI-DIRECTIONAL CONTROL**

PLUG & PLAY

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

Blustream cannot be held responsible for errors in typography or photography. Specifications are subject to change without notice.

UEX100E-KIT

BLUSTREAM

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

CE UKCA FC RoHS Compliant

Blustream cannot be held responsible for errors in typography or photography. Specifications are subject to change without notice.