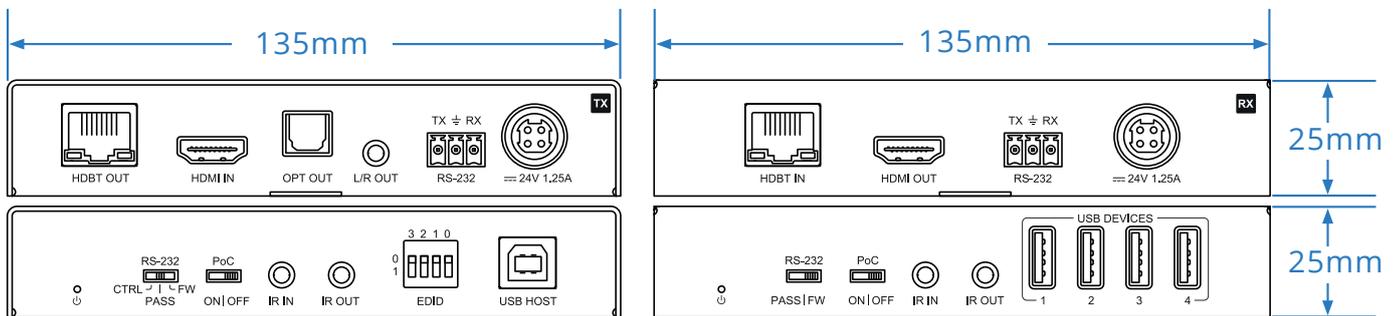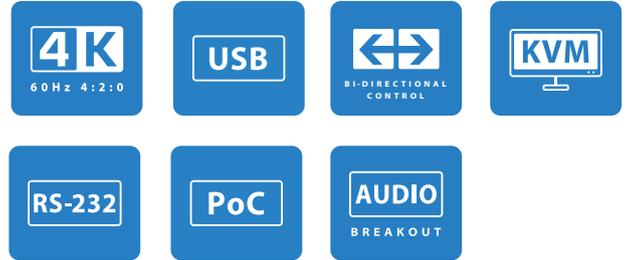# HEX70USB-KIT

BLUSTREAM

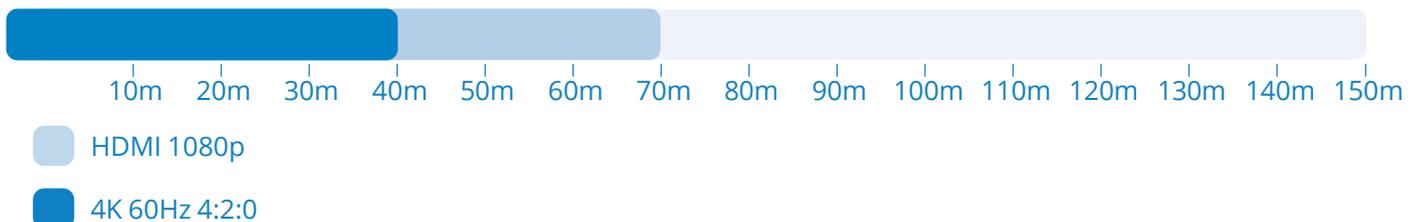## HDBaseT™ USB Extender Set

Description

The HEX70USB-KIT 4K HDBaseT™ USB 2.0 extender set offers the very best in performance and flexibility, delivering HDMI to lengths of 70m (4K 60Hz 4:2:0 to 40m), USB 2.0 extension, bi-directional IR and RS-232, HDMI audio breakout, bi-directional PoC, advanced EDID management. HDCP2.2 compliant.

4K 60Hz 4:2:0 **USB** **BI-DIRECTIONAL CONTROL** **KVM**

RS-232 **PoC** **AUDIO BREAKOUT**

135mm

HDBT OUT | HDMI IN | OPT OUT | L/R OUT | TX ⇌ RX RS-232 | 24V 1.25A | **TX**

RS-232 CTRL | PASS | FW | PoC ON | OFF | IR IN | IR OUT | 3 2 1 0 / 0 1 EDID | USB HOST

135mm

HDBT IN | HDMI OUT | TX ⇌ RX RS-232 | 24V 1.25A | **RX**

25mm

RS-232 PASS | FW | PoC ON | OFF | IR IN | IR OUT | USB DEVICES 1 2 3 4

25mm

Key Features

- Advanced HDBaseT technology offering uncompressed video and audio with zero latency

- Extends HDMI 1080p up to a distance of 70m over a single CAT cable

- Supports 4K UHD video up to 40m (3840 x 2160 @30Hz 4:4:4, 4096 x 2160 @24Hz 4:4:4, and 4K @60Hz 4:2:0)

- HEX70USB-KIT features 4x USB-Type A devices (RX) and 1x USB Type-B (TX) that support data transmition bandwidth up to 280Mbps

- USB type-A devices support 5V 500mA output per port

- Supports all known HDMI audio formats including Dolby Atmos, Dolby TrueHD, Dolby Digital Plus and DTS-HD Master Audio transmission

- Bi-directional IR pass-through

- Bi-directional RS-232 pass-through

- Supplied with Blustream IR receiver and emitter

- Supports bi-directional PoC to power extenders from either Transmitter or Receiver end

- HDCP2.2 compliant with advanced EDID management

- HDMI audio breakout to analogue L/R audio and Optical digital (S/PDIF) outputs concurrently

Transmission Distance *

10m 20m 30m 40m 50m 60m 70m 80m 90m 100m 110m 120m 130m 140m 150m

HDMI 1080p

4K 60Hz 4:2:0

* Transmission distance is subject to video format, cable type and installation environment. It is recommended to use a minimum of F/UTP CAT6A cabling.

BLUSTREAM

HDMI HDBT Dante Dolby dts

HEX70USB-RX Connectivity

- Video Input Connectors: 1 x HDBaseT™ Type A, 19-pin, female
- Video Output Connectors: 1 x HDMI RJ45 connector
- Audio Output Connectors: 1 x Toslink (S/PDIF), 1 x 3.5mm L/R Analogue audio
- RS-232 serial port: 1 x 3-pin Phoenix connector
- USB/KVM Port: 4 x USB-Type A
- IR Input ports: 1 x 3.5mm stereo jack
- IR Output ports: 1 x 3.5mm mono jack

HEX70USB-TX Connectivity

- Video Input Connectors: 1 x HDMI Type A, 19-pin, female
- Video Output Connectors: 1 x HDBaseT™ RJ45 connector
- RS-232 serial port: 1 x 3-pin Phoenix connector
- USB/KVM Port: 1 x USB-Type B
- IR Input ports: 1 x 3.5mm stereo jack
- IR Output ports: 1 x 3.5mm mono jack

Specifications

- Casing Dimensions (W x D x H): 135mm x 105mm x 25mm (TX/RX)
- Shipping Weight (Kit): 1.5kg
- Operating Temperature: 32°F to 104°F (0°C to 40°C)
- Storage Temperature : -4°F to 140°F (-20°C to 60°C)
- Mounting kits included
- Power Supply: 24V/1.25A DC, 4-pin DIN connector

Included Accessories

Mounting	2 x Mounting Kits
IR Accesories	1 x IRR, 1 x IRE1
Power Supply	1 x 24V/1.25A DC
Cables	1 x USB-A to B 1 x 3-pin Phoenix RS-232
Connector	1 x 3-pin Phoenix Connector

Regulatory Compliance