HEX70HDUK-KIT
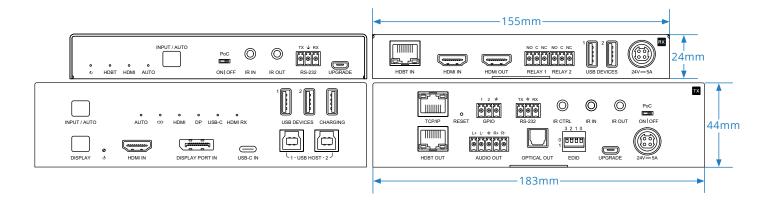
BLUSTREAM

Multi Format HDBaseT™ CSC Extender Set

Description

The HEX70HDUK-KIT extender set is an industry leading HDMI2.0 4K 60Hz 4:4:4 (18Gbps) HDCP2.2 HDBaseT™ multi-format solution utilising CSC technology to deliver HDMI, USB-C and DisplayPort™ up to lengths of 70m 1080p (40m 4K) over a single CAT cable.

The HEX70HDUK-KIT provides enhanced features including USB 2.0 extension, local HDMI input on the HDBaseT™ Receiver for additional source input, web GUI for control and configuration, auto display control, audio breakout and bi-directional IR pass-through.

The HEX70HDUK-KIT also features control via front panel, IR, RS-232 and TCP/IP as well as advanced EDID and HDCP management.

HDMI | 4K 60Hz 4:4:4 | USB-C | DisplayPort

WEB GUI GRAPHICAL USER INTERFACE | AUDIO BREAKOUT | BI-DIRECTIONAL CONTROL | RS-232

EDID | KVM | PoC | RGB CSC

Key Features

- Advanced HDBaseT™ technology offering distribution of video and audio over a single CAT cable
- Advanced Colour Space Conversion (CSC) supports HDMI2.0 18Gbps specification including HDR
- Features 1x HDMI, 1x USB-C and 1x DisplayPort™ input on the HDBaseT™ Transmitter with manual or auto source selection
- Features 1x local HDMI input on the HDBaseT™ Receiver for connection of a source local to the display
- Supports 4K 60Hz 4:4:4 UHD video up to 40m
- Extends HDMI 1080p up to a distance of 70m over single CAT cable
- Supports all known HDMI audio formats including Dolby Atmos, Dolby TrueHD, Dolby Digital Plus and DTS-HD Master Audio transmission
- Supports USB Type C up to 4K UHD 60Hz 4:4:4 DP1.2 with 60W charging capability*
- Supports DisplayPort™ up to 4K UHD 60Hz 4:4:4 DP1.2
- Features 2x USB-Type A devices (RX - peripherals), 2x USB-Type A devices (TX - peripherals) and 2x USB Type-B (TX - host source specific) that support a combined data transmission bandwidth of up to 250Mbps

- USB Type-A connections support charging of devices up to 500mA when there is an active connection to a Host device
- Independent USB Type-A connection to support charging only of devices up to 5V 2A
- Audio breakout to analogue L/R audio and Optical digital (S/PDIF) outputs concurrently**
- Bi-directional IR pass-through
- Auto display on/off feature allowing control of display at the HDBaseT™ Receiver via CEC or RS-232
- Web interface module for control and configuration of HEX70HDUK-KIT
- Control via front panel, IR, RS-232 and TCP/IP
- Advanced EDID ad HDCP management

*USB-C video support is limited to 4K 60HZ 4:2:0 when charging feature is activated by the source device
**Analogue audio breakout supports 2ch PCM only

BLUSTREAM | SDVoE ALLIANCE | HDMI HIGH-DEFINITION MULTIMEDIA INTERFACE | HDBT | Dante | Dolby | dts

HEX70HDUK-TX Transmitter

Video Input Connectors: 1 x HDMI Type A, 19-pin, female, 1 x USB-C Type C, 1x DisplayPort™

Video Output Connectors: 1 x HDBaseT™ RJ45 connector

Audio Output Connectors: 5-Pin Phoenix connector (2ch balanced/unbalanced analogue audio), 1x Optical (S/PDIF)

RS-232 serial port: 1 x 3-Pin Phoenix connector

GPIO serial Port: 1 x 3-Pin GPIO Phoenix Connector

Local Power Input: 1 x 24V/5A 4-pin DIN connector

HEX70HDUK-RX Receiver

Video Input Connectors: 1 x HDMI Type A, 19-pin, female, 1 x HDBaseT™ RJ45 connector

Video Output Connectors: 1 x HDMI Type A, 19-pin, female

RS-232 serial port: 1 x 3-Pin Phoenix connector

Relay Control: 2 x 3-Pin Phoenix connector

Local Power Input: 1 x 24V/5A 4-pin DIN connector

Specifications - TX

- **TCP/IP Control:** 1x RJ45, female
- **IR Input ports:** 2x 3.5mm stereo jack
- **IR Output ports:** 1x 3.5mm mono jack
- **USB Ports:** 3x USB Type-A, 2x USB Type-B
- **EDID:** 4-Pin DIP switch
- **Product upgrade:** 1x Micro USB, female
- **Casing Dimensions (W x H x D):** 183mm x 44mm x 173mm

Specifications - RX

- **IR Input ports:** 1x 3.5mm stereo jack
- **IR Output ports:** 1x 3.5mm mono jack
- **USB Ports:** 2x USB Type-A
- **EDID:** 4-Pin DIP switch
- **Product upgrade:** 1x Micro USB, female
- **Casing Dimensions (W x H x D):** 155mm x 24mm x 155mm

Included Accessories

Power Supply	1 x 24V / 5A DC
USB Cable	1 x USB-A to USB-B
IR Accessories	1 x IRE1, 1 x IRR
RS-232 Cable	1 x DB9 to 3-Pin Phoenix Cable
Mounting	2 x Mounting Kit

USB Transmitting Channel	Max
Type-C to RX	HDBT 2.0 (250Mbps)
Host to RX	HDBT 2.0 (250Mbps)
Type-C to TX	USB 2.0 (480Mbps)
Host to TX	USB 3.0 (5Gpbs)

Table Top Enclosure for HEX70HDUK-KIT

Description

Our HEX70HDUK-TT is a table top enclosure designed to provide a secure solution for mounting of the HEX70HDUK Transmitter.
This attractive space-saving solution is constructed of high-grade steel with an aesthetically pleasing brushed aluminium black faceplate.
The HEX70HDUK-TT includes a discrete hinged canopy providing easy access to the various ports and control buttons of your HEX70HDUK Transmitter.
The unit is supplied with a universal cable management lacer bar and table top mounting brackets for a secure yet easy installation into a boardroom table or desk as required.
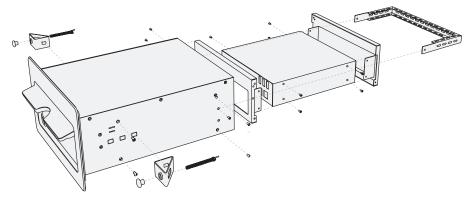
Box Contents

1 x HEX70HDUK-TT
1 x Cable lacer bar
2 x Table top mounting brackets
2 x Wing-nut bolts
1 x Cut template
1 x Quick reference guide

Key Features

- In desk enclosure for neatly housing the HEX70HDUK Transmitter, ideal for boardroom table installations
- Premium black brushed aluminium faceplate finish
- Discrete hinged canopy
- Supplied with a cable management lacer bar

Specifications

- Dimensions (W x D x H): 228mm x 141mm x 268mm
- In-desk cut-out (W x D): 204mm x 117mm
- Mounting Depth: 267mm
- Shipping Weight: 2.5kg

Regulatory Compliance

CE UKCA FC RoHS Compliant

CAN ICES-003(B) / NMB-003(B)

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HDMI HIGH-DEFINITION MULTIMEDIA INTERFACE   HDBT   Dante   Dolby   dts