

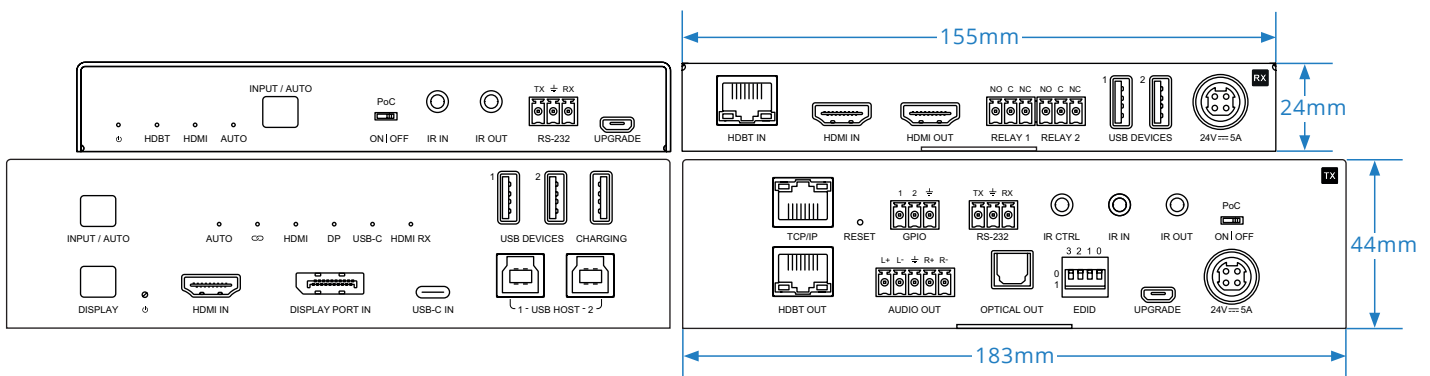
Multi Format HDBaseT™ CSC Extender Set

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.



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 and HDCP management

*USB-C video support is limited to 4K 60Hz 4:4:4 when charging feature is activated by the source device

**Analogue audio breakout supports 2ch PCM only

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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

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

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

Regulatory Compliance



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

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 - 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

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