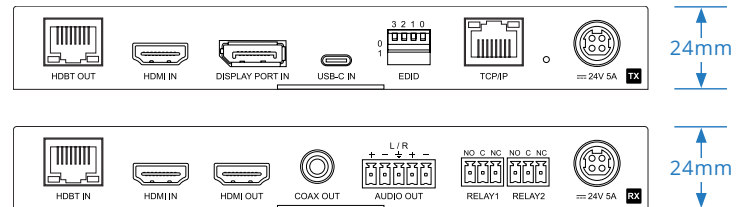
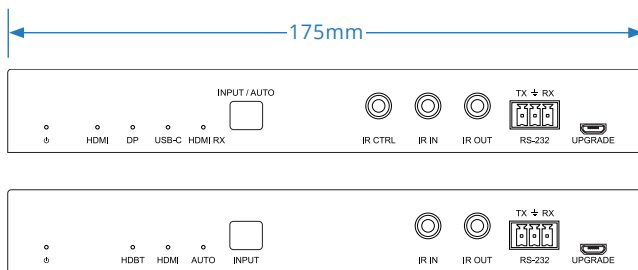
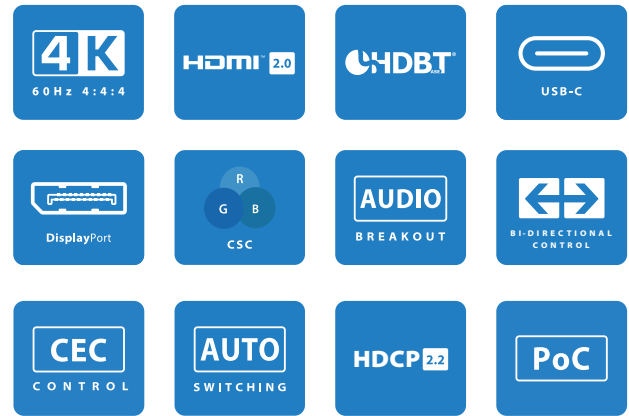


## Multi Format HDBaseT™ CSC Extender Set

### Description

The HEX70HDU-KIT extender set is an industry leading HDMI 2.0 4K 60Hz 4:4:4 (18Gbps) HDCP 2.2 HDBaseT™ multi-format solution utilising CSC technology to deliver HDMI, USB-C and DisplayPort™ at 4K to 40m (with 1080p up to 70m) over a single CAT cable.

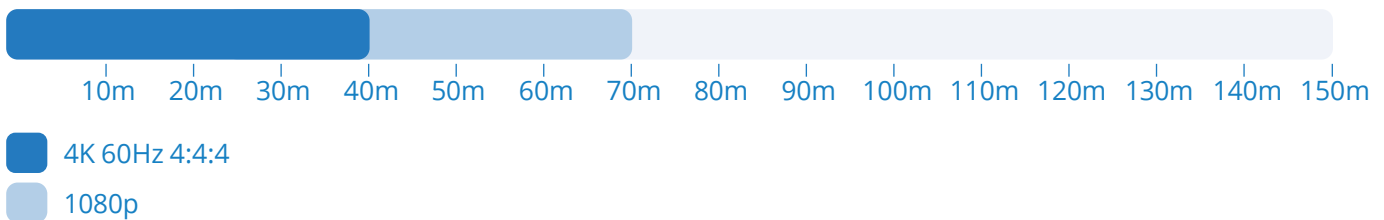
The HEX70HDU-KIT provides enhanced features including local HDMI input on the HDBaseT™ Receiver for additional source input, Web GUI for control and configuration, auto display control, audio breakout and bi-directional IR pass-through. The HEX70HDU-KIT also features control via front panel, IR, RS-232 and TCP/IP and 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 HDMI 2.0 18Gbps specification including HDR
  - Features 1 x HDMI, 1 x USB-C and 1 x DisplayPort™ input on the HDBaseT™ transmitter with manual or auto source selection
  - Features 1 x 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
  - Supports all known HDMI audio formats including Dolby TrueHD, Atmos 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, 4K 30Hz 4:4:4 DP1.2
  - Audio breakout to analogue L/R audio and Coaxial digital (S/PDIF) outputs concurrently
  - Supports bi-directional PoC (Power over Cable) to power extenders from either transmitter or receiver end
  - 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 HEX70HDU-KIT
  - Control via front panel, IR, RS-232 or TCP/IP Advanced EDID and HDCP management
- \*USB-C video support is limited to 4K 60Hz 4:2:0 when charging feature is activated by the source device*

### Transmission Distance via Cat6





## HEX70HDU-TX Transmitter

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

Video Output Connectors: 1 x HDBaseT™ RJ45 connector

RS-232 Serial Port: 1 x 3-pin Phoenix connector

Product upgrade: 1 x Micro USB, female

TCP/IP Control: 1 x RJ45, female

IR Control Connections: 1 x 3.5mm stereo for IR control of switching, 1 x 3.5mm mono & 1 x 3.5mm stereo jack for IR pass-through

EDID: 4-pin DIP switch

## HEX70HDU-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

Product Upgrade: 1 x Micro USB, female

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

IR Control Connections: 1 x 3.5mm stereo, 1 x 3.5mm mono jack for IR pass-through

Relay Connections: 2 x 3-pin Phoenix connector

## Specifications

- Transmitter Dimensions (W x H x D): 175mm x 24mm x 155mm
- Receiver Dimensions (W x H x D): 175mm x 24mm x 155mm
- Power Supply: 24V/5A DC
- Shipping Weight: 2.6kg
- 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

|                |                             |
|----------------|-----------------------------|
| IR Accessories | 1 x IRE, 1 x IRR, 1 x IRCAB |
| Rack Mount     | 2 x Mounting Brackets Sets  |
| Power Supply   | 24V/5A DC                   |

## Regulatory Compliance



CAN ICES-3 (B)/NMB-3(B)

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