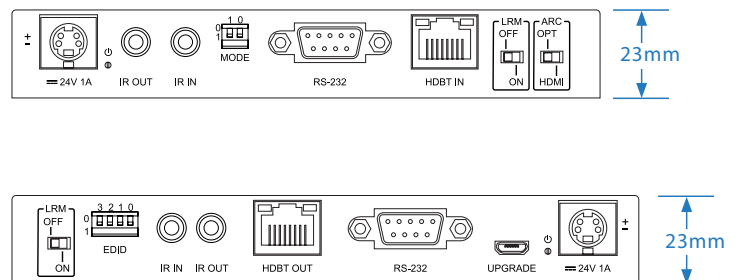
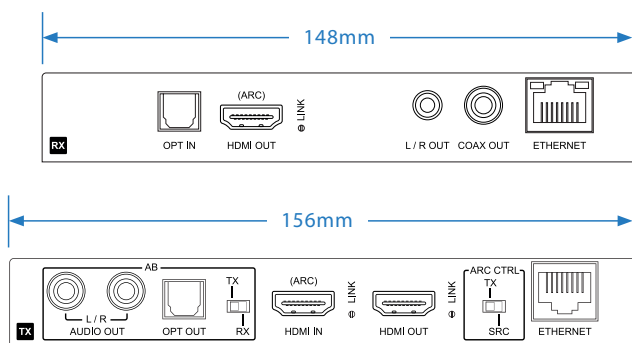
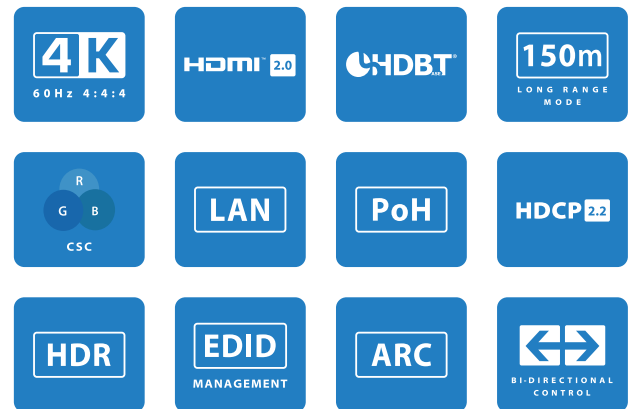


Long Range HDBaseT™ CSC Extender Kit

Description

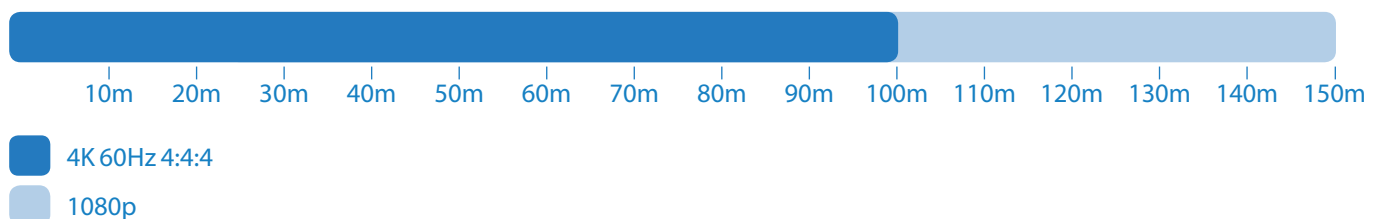
Our Platinum Range of HDBaseT™ products offer the very best in performance and flexibility. The HEX150CS-KIT extender set is an industry leading HDMI 2.0 4K 60Hz 4:4:4 HDCP 2.2 HDBaseT™ solution utilising CSC technology with video down conversion. The HEX150CS-KIT supports HDMI, bi-directional IR, RS-232 and PoH (PoE) up to lengths of 150m over a single CAT cable. The HEX150CS-KIT also provides enhanced features including ARC via HDMI or optical (S/PDIF) and Ethernet pass through.

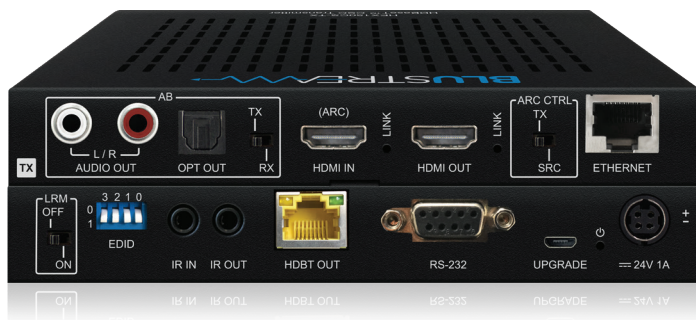


Key Features

- 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 support
- Video down-conversion on outputs allowing a display only capable of supporting lower video resolutions (4K 60Hz 4:2:0 or 1080p) to receive 4K 60Hz 4:4:4 or 4K 60Hz 4:2:0 video content while still showing maximum original 4K UHD resolution on remaining video outputs
- Supports 4K 60Hz 4:4:4 UHD video up to 100m
- Extends HDMI 1080p video up to 150m (HDBaseT™ long-reach mode)
- Supports all industry standard video resolutions including VGA-WUXGA and 480i-4K
- HDMI re-clocking on the HDBaseT™ Receiver to help solve HDMI HDCP, compatibility, and handshaking issues
- Supports ARC (Audio Return Channel) from display via HDMI and optical digital inputs
- Supports audio return to HDMI, optical digital, and analogue L/R audio outputs (analogue output supports 2ch PCM only)
- Supports bitstream passthrough of multichannel surround sound including object-based audio formats in line with HDMI specifications.
- Bi-directional 10/100BaseT Ethernet pass through
- Bi-directional IR & RS-232 pass through
- Supplied with Blustream 5V IR receiver and emitter
- Bi-directional PoH (Power over HDBaseT™) to power extenders from either transmitter or receiver end
- Advanced EDID management
- HDCP 2.2 support

Transmission Distance via Cat6





HEX150CS-TX Transmitter

Video Input Connectors: 1 x HDMI Type A, female
Video Output Connectors: 1 x HDBaseT™ RJ45 connector
Audio Output Connectors: 2 x RCA (L/R), 1x Optical (SPDIF)
Ethernet port: 1 x RJ45 connector
RS-232 serial port: 1 x DB-9 female
IR Input ports: 1 x 3.5mm stereo jack
IR Output ports: 1 x 3.5mm mono jack
EDID: 4-PIN DIP switch
Power Supply: 1 x 24V/1A DC, 4-PIN DIN connector

Specifications

- Transmitter Dimensions (W x D x H): 156mm x 123mm x 23mm
- Receiver Dimensions (W x D x H): 148mm x 134mm x 23mm
- Shipping Weight: 1.6kg
- Operating Temperature: 32°F to 104°F (0°C to 40°C)
- Storage Temperature: -4°F to 140°F (-20°C to 60°C)

HEX150CS-RX Receiver

Video Input Connectors: 1 x HDBaseT™ RJ45 connector
Video Output Connectors: 1 x HDMI Type A, female
Audio Input Connectors: 1 x Optical (SPDIF)
Ethernet port: 1 x RJ45 connector
RS-232 serial port: 1 x DB-9 female
IR Input ports: 1 x 3.5mm stereo jack
IR Output ports: 1 x 3.5mm mono jack
Power Supply: 1 x 24V/1A DC, 4-PIN DIN connector

Included Accessories

IR Accessories	1 x IRE, 1 x IRR
Rack Mount	Mounting brackets
Power Supply	24V/1A DC, 4-PIN DIN

Regulatory Compliance



Colour Space Conversion (CSC) Technology in HDBaseT™

Due to the data rate of HDBaseT™ technology being capped at 10.2Gbps, it is unable to pass the latest native 4K UHD resolutions of 4K 60Hz 4:4:4. There is now a requirement to integrate video resolutions with data speeds up to 18Gbps across a multi-zone AV environment. Blustream have implemented CSC (Colour Space Conversion) technology into our latest products to ensure 4K HDR signals can now be supported over the 10.2Gbps infrastructure of HDBaseT™.

Colour Space Conversion reduces the data rate of the HDMI signal by converting the colour space (or Wide Colour Gamut) from 4:4:4 or 4:2:2 to a lower format. Within Colour Space Conversion technology the native resolution, frame rate and colour depth all remain constant from end to end. The only part of the signal that is converted during transmission is the colour gamut.

* Blustream CSC products are not compatible with advanced HDR formats such as HDR10+, nor do they support video technologies utilizing 12-bit dynamic or static metadata

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