

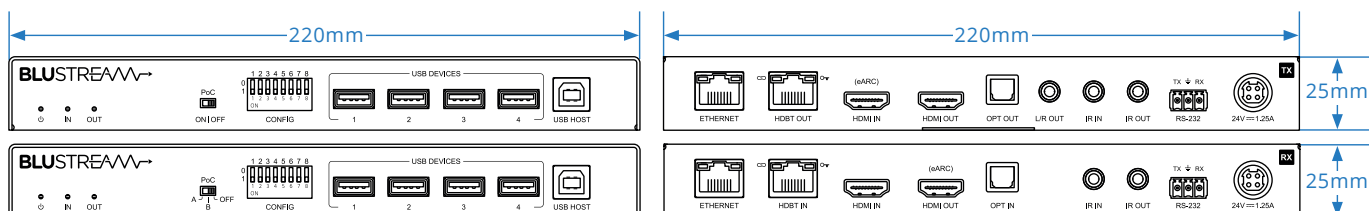
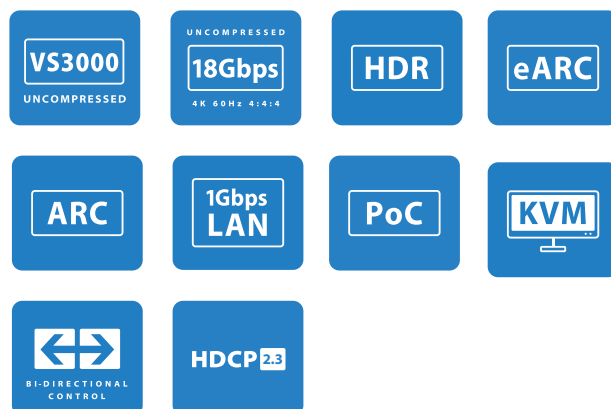
Advanced HDBaseT™ Extender Set

Description

The HEX18GARC-KIT extender set is an industry leading uncompressed, unconverted HDMI 2.0 4K 60Hz 4:4:4 HDCP 2.3/2.2 solution utilising the latest in HDBaseT™ technology.

The HEX18GARC-KIT supports uncompressed distribution of the latest HDR resolutions including HDR10/10+ resulting in the ultimate in picture quality for your critical viewing areas.

The HEX18GARC-KIT supports bi-directional IR, RS-232 and PoC up to lengths of 100m over a single CAT6A cable. The HEX18GARC-KIT also provides enhanced features including KVM, eARC via HDMI, or ARC via HDMI or Optical (S/PDIF), and 1Gbps Ethernet pass through.

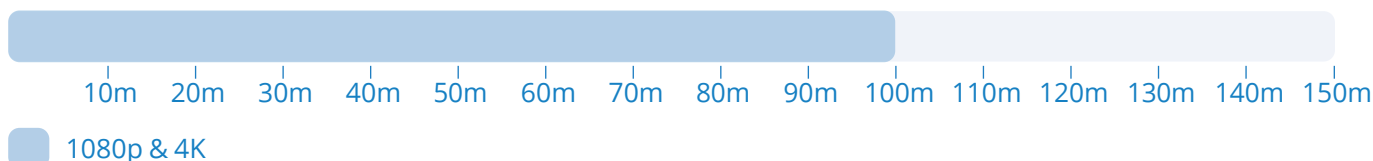


Key Features

- Advanced uncompressed, unconverted, HDMI over HDBaseT™ technology offering distribution of bit-for-bit 4K HDMI video and audio over a single CAT6A cable
- Supports HDMI2.0 18Gbps specification including 4K 60Hz 4:4:4 UHD video
- Supports uncompressed distribution of the latest HDR resolutions including HDR10/10+
- Supports HDMI video distribution up to 100m*
- Features 1x HDMI loop-out on HEX18GARC-TX for integrating local displays or cascading to multiple devices
- 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 eARC (Enhanced Audio Return Channel) from display via HDMI, and standard ARC from HDMI and Optical (S/PDIF) digital inputs
- Supports audio return to HDMI (eARC compatible), 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.
- Features USB 2.0 for KVM with a combined speed of up to 350Mbps
- Bi-directional Ethernet (1Gb), IR, & RS-232 pass through
- Supplied with Blustream IR receiver and emitter
- Bi-directional PoC (Power over Cable) to power extenders from either transmitter or receiver end
- Support for HDCP 2.3, HDCP 2.2 and HDCP 1.4

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

Transmission Distance CAT6A *



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



HEX18GARC-RX Connectivity

- **Video Input Connectors:** 1x HDBaseT™ RJ45 connector, 1x HDMI Type A, female (reserved for future use)
- **Video Output Connectors:** 1x HDMI Type A, female
- **Audio Input Connectors:** 1x Optical (S/PDIF)
- **Ethernet port:** 1x RJ45 connector
- **RS-232 serial port:** 1x 3-pin Phoenix connector
- **USB/KVM Port:** 1x USB-Type B, 4x USB-Type A
- **IR Input ports:** 1x 3.5mm stereo jack
- **IR Output ports:** 1x 3.5mm mono jack
- **CTRL:** 8-PIN DIP switch

Specifications

- **Casing Dimensions (W x D x H):** 220mm x 100mm x 25mm (TX/RX)
- **Shipping Weight (Kit):** 1.85kg
- **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:** 1x 24V/1.25A DC

HEX18GARC-TX Connectivity

- **Video Input Connectors:** 1x HDMI Type A, female
- **Video Output Connectors:** 1x HDBaseT™ RJ45 connector, 1x HDMI Type A, female
- **Audio Output Connectors:** 1x Analogue audio L/R (3.5mm stereo Jack), 1x Optical (S/PDIF)
- **Ethernet port:** 1x RJ45 connector
- **RS-232 serial port:** 1x 3-pin Phoenix connector
- **USB/KVM Port:** 1x USB-Type B, 4x USB-Type A
- **IR Input ports:** 1x 3.5mm stereo jack
- **IR Output ports:** 1x 3.5mm mono jack
- **CTRL:** 8-PIN DIP switch

Included Accessories

Mounting	4 x Brackets
IR Accessories	1 x IRR, 1 x IRE1
Power Supply	1 x 24V/1.25A DC
Cables	1 x USB-A to B

Regulatory Compliance



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