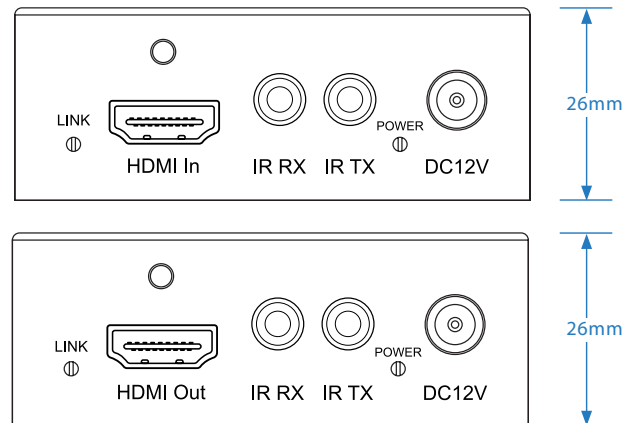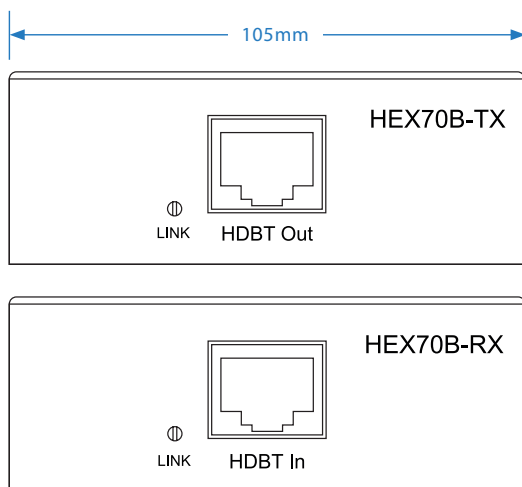# HEX70B-KIT

BLUSTREAM

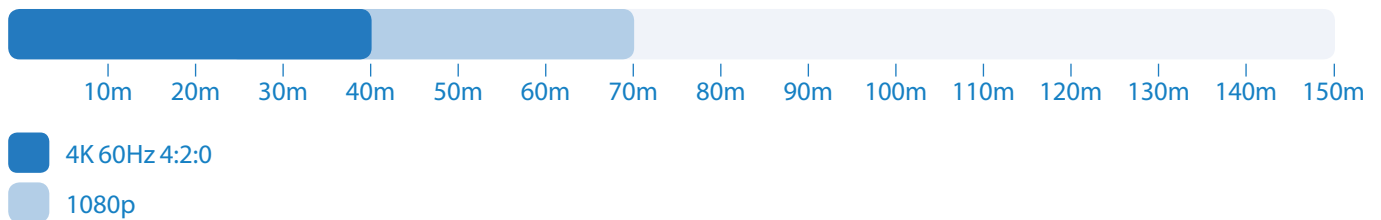## HDBaseT™ Extender Kit

Description

Our HEX70B-KIT 4K HDBaseT™ extender set offers market leading features and outstanding value. The product delivers HDMI, Bi-directional IR and Bi-directional PoH (PoE) up to lengths of 70m.

4K 60Hz 4:2:0   **HDMI 1.4**   **PoH**   **ZERO LATENCY**

HDCP 2.2   **HDR**   **HD AUDIO**   **BI-DIRECTIONAL CONTROL**

105mm

HEX70B-TX

LINK   HDBT Out

LINK   HDMI In   IR RX   IR TX   POWER   DC12V   26mm

HEX70B-RX

LINK   HDBT In

LINK   HDMI Out   IR RX   IR TX   POWER   DC12V   26mm

Key Features

- Extends HDMI up to distances of 70m over single CAT cable
- Supports 4K UHD video up to 40m (3840 x 2160 @30Hz 4:4:4, 4096 x 2160 @24Hz 4:4:4, and 4K@50/60Hz 4:2:0)
- Supports all industry standard video resolutions including VGA-WUXGA and 480i-4K
- Supports 3D signal display
- Supports CEC bypass (Consumer Electronics Control)

- Supports bitstream passthrough of multichannel surround sound including object-based audio formats in line with HDMI specifications.
- Supports bi-directional IR from all input and output locations
- Supplied with Blustream IR receiver and emitters
- Supports bi-directional PoH (Power over HDBaseT™) to power extenders from either transmitter or receiver end
- HDCP 2.2 compliant

Transmission Distance via Cat6

10m   20m   30m   40m   50m   60m   70m   80m   90m   100m   110m   120m   130m   140m   150m

- 4K 60Hz 4:2:0
- 1080p

HEX70B-TX
LINK   HDBT Out
LINK   HDMI In   IR RX   IR TX   POWER   DC12V

HEX70B-RX
LINK   HDBT In
LINK   HDMI Out   IR RX   IR TX   POWER   DC12V

HEX70B-TX Transmitter

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

HEX70B-RX Receiver

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

Specifications

- **IR Input Ports:** 2 x 3.5mm stereo jack
- **IR Output Ports:** 2 x 3.5mm mono jack
- **Transmitter Dimensions (W x D x H):** 105mm x 73mm x 27mm
- **Receiver Dimensions (W x D x H):** 110mm x 73mm x 27mm
- **Shipping Weight:** 0.95kg
- **Operating Temperature:** 32°F to 104°F (0°C to 40°C)
- **Storage Temperature :** -4°F to 140°F (-20°C to 60°C)

Included Accessories

IR Accessories	1 x IRE, 1 x IRR
Rack Mount	Mounting brackets
Power Supply	12V/2A DC, screw type connector

Regulatory Compliance

FC   CE   ☒   RoHS Compliant   CAN ICES-3 (B)/NMB-3(B)