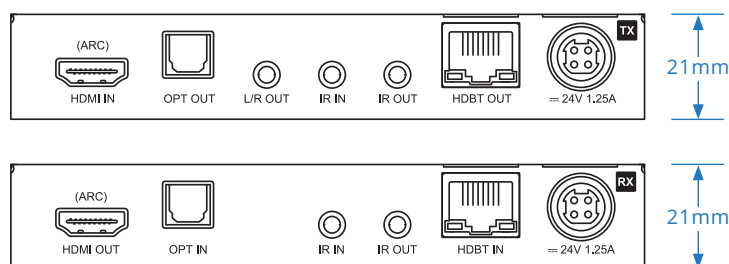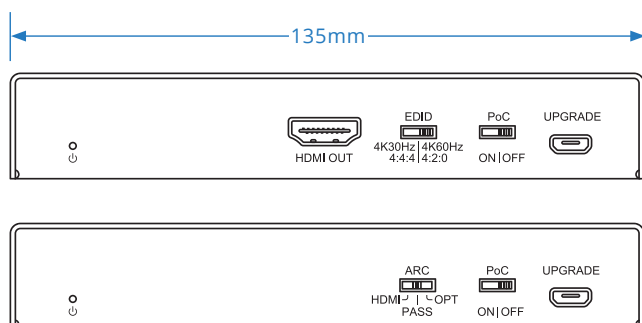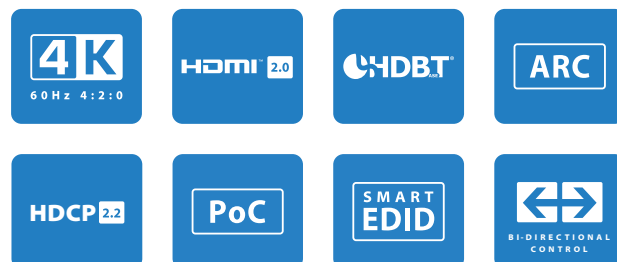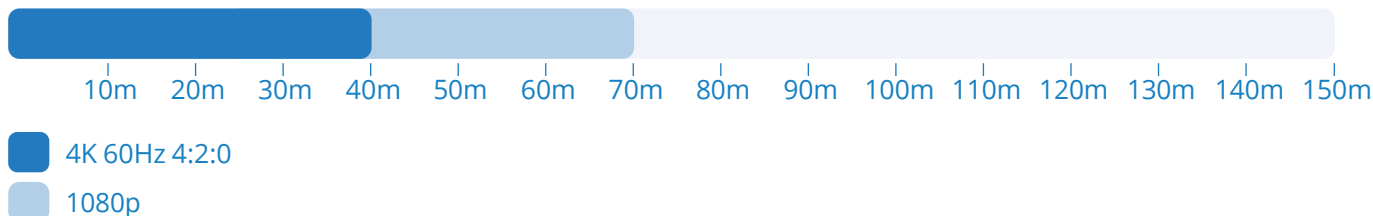# HDBaseT™ ARC Extender Set

Description

The HEX70ARC-KIT 4K HDBaseT™ ARC extender set offers market leading features for the custom installation industry. The product delivers HDMI, ARC, Optical Audio Return, Bi-directional IR and Bi-directional PoC (Power over Cable) up to lengths of 70m (40m at 4K 60Hz 4:2:0).

4K 60Hz 4:2:0 | **HDMI** 2.0 | **HDBT** | **ARC**

HDCP 2.2 | **PoC** | **SMART EDID** | **BI-DIRECTIONAL CONTROL**

135mm

HDMI OUT — EDID 4K30Hz 4:4:4 | 4K60Hz 4:2:0 — PoC ON|OFF — UPGRADE

(ARC) HDMI IN — OPT OUT — L/R OUT — IR IN — IR OUT — HDBT OUT — 24V 1.25A — **TX**   21mm

ARC HDMI | OPT PASS — PoC ON|OFF — UPGRADE

(ARC) HDMI OUT — OPT IN — IR IN — IR OUT — HDBT IN — 24V 1.25A — **RX**   21mm

Key Features

- Advanced HDBaseT™ technology offering uncompressed video and audio with zero latency

- Extends HDMI 1080p up to a distance of 70m over a 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 @60Hz 4:2:0)

- Supports all industry standard video resolutions including VGA-WUXGA and 480i-4K

- Supports ARC (Audio Return Channel) from connected display via HDMI ARC or optical digital input

- Features 1 x HDMI loop-out on HEX70ARC-TX for integrating local displays or cascading to multiple devices

- Supports all known HDMI audio formats including Dolby TrueHD, Dolby Atmos, Dolby Digital Plus and DTS-HD Master Audio transmission (TX to RX)

- Bi-directional IR pass-through

- Supplied with Blustream IR receiver and emitter

- Supports bi-directional PoC (Power over Cable) to power extenders from either transmitter or receiver end

- HDCP 2.2 compliant with smart EDID management

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

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HEX70ARC-TX Transmitter

Video Input Connectors: 1 x HDMI Type A, female
Video Output Connectors: 1 x HDBaseT™ RJ45 connector, 1 x HDMI Type A, female
Audio Output Ports: 1 x Optical (S/PDIF), 1 x 3.5mm L/R analogue audio
IR Input Port: 1 x 3.5mm stereo jack
IR Output Port: 1 x 3.5mm mono jack
Product Upgrade: 1 x Micro-USB, female
Casing Dimensions (W x D x H): 135 x 84 x 21mm

HEX70ARC-RX Receiver

Video Input Connectors: 1 x HDBaseT™ RJ45 connector
Video Output Connectors: 1 x HDMI Type A, female
Audio Input Port: 1 x Optical (S/PDIF)
IR Input Port: 1 x 3.5mm stereo jack
IR Output Port: 1 x 3.5mm mono jack
Product Upgrade: 1 x Micro-USB, female
Casing Dimensions (W x D x H): 135 x 84 x 21mm

Specifications

- Power Supply: 1 x 24V/1.25A DC, 4-pin DIN connector
- Box Dimensions (W x D x H): 248 x 151 x 103mm
- Shipping Weight: 1kg
- 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
Rack Mount	2 x Mounting Brackets Sets
Power Supply	24V/1.25A DC

Regulatory Compliance

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

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

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HDMI   HDBT   Dante   Dolby   dts