

# 2 x HDMI & 1 USB-C Wall Plate HDBaseT™ Transmitter

### **Description**

Our HEX31WP-TX-US HDMI / USB-C wall plate HDBaseT™ Transmitter is a multi-format 4K input switcher solution delivering HDMI and USB-C inputs up to 70m at 1080p (40m at 4K 60Hz 4:2:0).

The HEX31WP-TX-US features both manual or automated source selection and includes display on / off control via CEC, RS-232 and IR (via compatible HDBaseT™ receiver / matrix).

The HEX31WP-TX-US has been designed to work with all Blustream HDBaseT™ receiver and matrix solutions, be installed in US Decora style backboxes and can be powered locally or from compatible Blustream HDBaseT™ products.



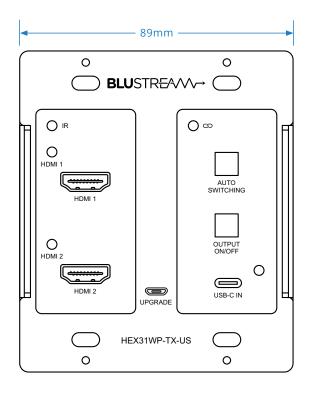


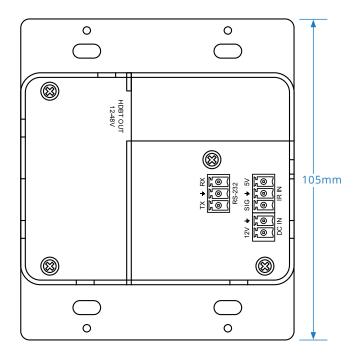












#### **Key Features**

- Features 2 x HDMI & 1 x USB-C inputs with manual / auto source selection
- Advanced HDBaseT™ technology offering distribution of video and audio 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)
- Extends HDMI at 1080p up to a distance of 70m
- Supports all known HDMI audio formats including Dolby TrueHD, Dolby Atmos, Dolby Digital Plus and DTS-HD Master Audio transmission
- Manual input selection via front panel and RS-232
- Programmable ON / OFF button utilising IR, RS-232 or CEC for control of display device at HDBaseT™ receiver

- Supports 12V-48V PoC from compatible Blustream HDBaseT™ receiver / matrix products
- Bi-directional RS-232 pass through
- Supports IR pass-through to HDBaseT™ device
- Compatible with all Blustream HDBaseT™ receiver / matrix
- Magnetic faceplate surround and US Decora style backbox compatibility
- HDCP 2.2 support
  - \* Technical performance is subject to the features supported on the connected HDBaseT™ device

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### **Specifications**

- Module Dimensions (W x H x D): 89mm x 105mm x 44mm (without faceplate)
- Faceplate Dimensions (W x H x D): 115mm x 115mm x 6mm
- Cut Out Dimensions (W x H x D): 89mm x 70mm x 37mm
- Mounting Hole Spacing: US 97mm CTC
- Backbox Requirements: US double gang junction box
- Shipping Weight: 1.0kg
- Operating Temperature: 32°F to 104°F (-5°C to +55°C)
- Storage Temperature: -4°F to 140°F (-25°C to +70°C)
- Power Supply: 12V/1A DC

## Connectivity

- Video Input Connectors: 2 x HDMI Type A, 19-pin, female, 1 x USB-C Type C
- Video Output Connectors: 1 x HDBaseT™ RJ45 connector
- RS-232 Serial Port: 1 x 3-Pin Phoenix connector
- IR Input Port: 1 x 3-Pin Phoenix connector
  Product Upgrade: 1 x Micro USB female
- Local Power Input: 1 x 2-Pin Phoenix connector

#### **Included Accessories**

Power Supply	1 x 12V/1A DC
Faceplate	1 x Magnetic Faceplate
Cable	1 v RS-232 Control Cable

#### **Transmission Distance via Cat6**

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



## 1080p

## **Regulatory Compliance**



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