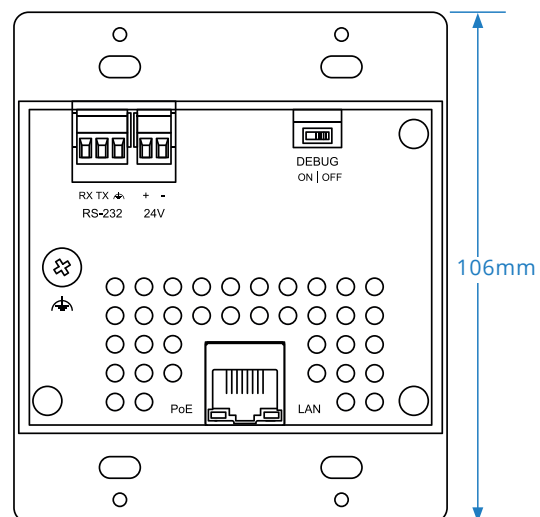
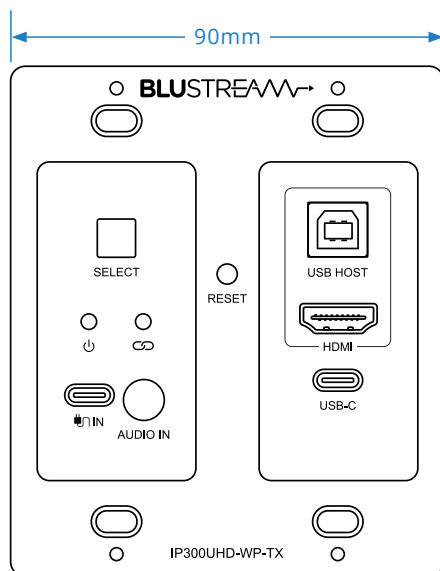
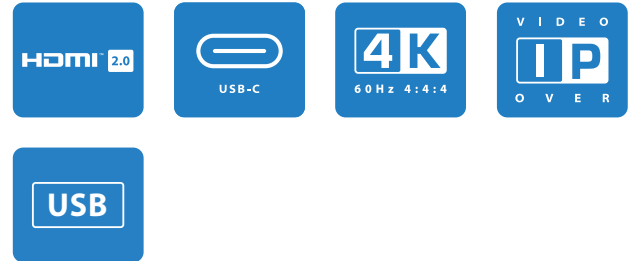


## IP Multicast HDMI 2.0 & USB-C Video Wallplate Transmitter

### Description

Our HDMI 2.0 Multicast distribution platform allows virtually latency free (1 frame) distribution of HDMI video over a 1GB Network switch. The IP300UHD-WP Transmitter is an industry leading 4K HDMI 2.0 HDCP 2.2 transmitter that using visually lossless compression technology delivers switchable HDMI or USB-C, Bi-directional RS-232 & USB/KVM up to lengths of 100m over standard network architecture.

The IP300UHD-WP can be powered via PoE from the network switch or locally should the switch not support PoE. The IP300UHD-WP is compatible with our IP300UHD-TX/RX and IP350UHD-TX/RX products and with multiple configuration options available, the Multicast solution is ideal for both commercial and residential installations.



### Key Features

- Advanced 4K HDMI 2.0 video over 1 Gb Network
- Virtually unlimited system size
- Extends HDMI / USB-C up to a distance of 100m over a single CAT cable
- Manual and / or auto source switching of inputs
- Supports up to 4K UHD 60Hz 4:4:4
- Supports HDR, HDR10+ & Dolby Vision
- Supports all known HDMI audio formats including Dolby Atmos, Dolby TrueHD, Dolby Digital Plus and DTS-HD Master Audio transmission
- Advanced signal management for independent routing of RS-232, USB/KVM, audio and video
- PoE (Power over Ethernet) to power Blustream products from PoE switch
- Local 24V power supply (should Ethernet switch not support PoE)
- HDCP 2.2 compliant with advanced EDID management
- Compatible with Blustream IP300UHD-TX/RX and IP350UHD-TX/RX products
- Dual US Decora faceplate surround and backbox compatibility
- Our IP300 Series Multicast system features flexible deployment options including:
  - Matrix distribution (requires 1Gb network switch)
  - Video wall (requires 1Gb network switch)
  - One-to-one HDMI extender (no network switch required)
  - One-to-many HDMI extender (no network switch required)

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



## Specifications

- Casing Dimensions (W x H x D): 90mm x 106mm x 52mm (without faceplate)
- Faceplate Dimensions (W x H x D): 115mm x 115mm x 6mm
- Backbox Mounting Depth: 45mm
- Shipping Weight (Kit): 0.8kg
- Operating Temperature: 32°F to 104°F (0°C to 40°C)
- Storage Temperature : -4°F to 140°F (-20°C to 60°C)
- Power Supply: PoE 24V 1A DC

## Connections

- Video input: 1x HDMI Type A, female, 1 x USB Type C female
- Video output: 1x LAN RJ45 connector
- Audio input: 1x 3.5mm stereo jack
- Ethernet port: 1x LAN RJ45 connector
- USB Charge port: 1x USB Type C female
- USB/KVM Port: 1x USB-Type B
- RS-232 serial port: 1x 3-Pin Phoenix connector
- Debug Mode: 2-step switch

## Package Contents

1 x IP300UHD-WP-TX

1 x Dual US Decora Faceplate

## Regulatory Compliance



Class 3 IEEE 802.3af POE PD | CAN ICES-003(B) / NMB-003(B)

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