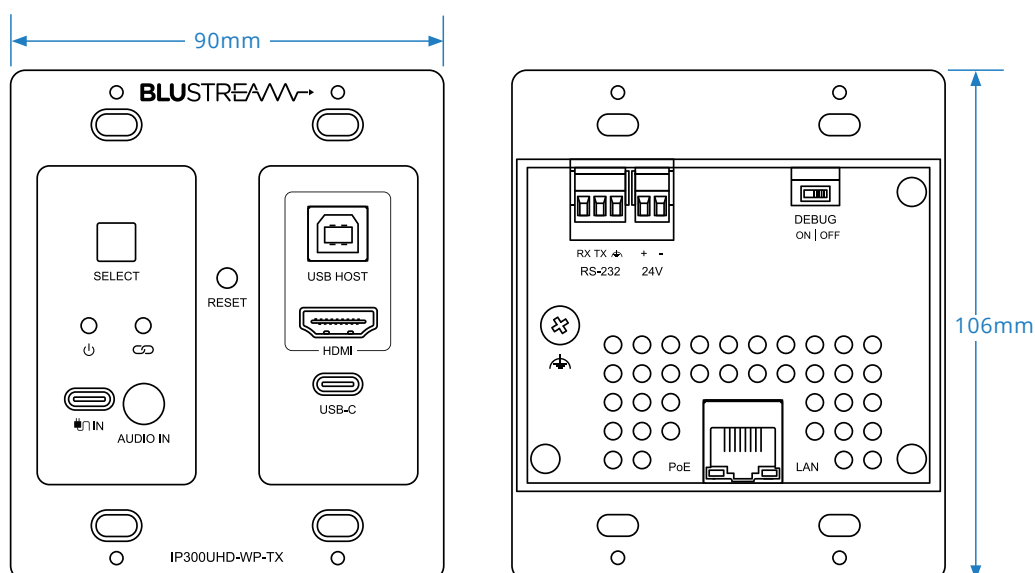
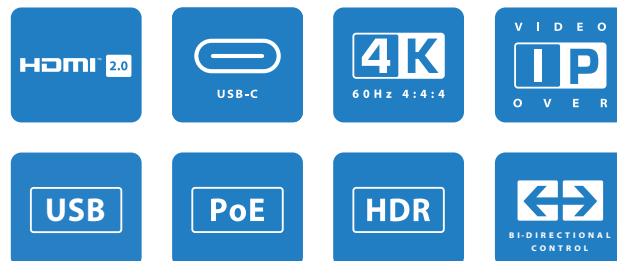


## IP Multicast HDMI 2.0 & USB-C Video Wallplate Transmitter

### 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 1Gb 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+
- Supports bitstream passthrough of multichannel surround sound including object-based audio formats in line with HDMI specifications.
- 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

       **RoHS Compliant**

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

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