

# ULTRA Series

## UL-707WP2 (VBS-HDIP-707WP2)

Just Add  
**Power**  
AV over IP Solutions

## 4K Wallplate Encoder



The Ultra Series 707WP2 Wallplate Encoder distributes 4K video and supports all audio formats over a single Cat5e or greater network cable. The 707POE encodes a 4K or lower-resolution source device into an IP signal and sends it over the network with ultra-low latency and instant switching; along with all the 4K system wide features from the Ultra Series product line.

### **Thin profile for easy mounting.**

The 707WP2 fits into a 2-gang construction box and provides an HDMI input to any Just Add Power video distribution system. To match any décor, the unit's faceplate is available in black, white, or custom colors.

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### Video

**Maximum Input** 4096x2160, 60fps, 24-bit color depth, YUV420  
4096x2160, 30fps, 36-bit color depth, YUV420  
4096x2160, 30fps, 24-bit color depth, YUV444  
2560x1440, 60fps  
1920x1080, 120fps  
1920x1080, 60fps, 36-bit color depth, YUV444

**Maximum Output** 4096x2160, 30fps, 24-bit color depth, YUV444

**Dynamic Range** SDR, HDR10, HLG

**HDMI Standard** HDMI 2.0a

**EDID Management** Default, Built-in, Custom, and Captured

### Compliance

**Certification** FCC/CE/ROHS/RCM

**HDCP Compliance** 2.2

### Endpoint Control

**Endpoint Control Features** Serial Pass-through, Serial over IP, IR over IP, and CEC over IP

### Image Pull

**Format & Video Sub-stream** BMP or PNG

**Maximum Framerate** 10 fps

### Audio

**Supported Audio** All Audio Formats

**Stereo Audio Maximum Sample Rate** 96kHz

### Network

**Maximum Bandwidth** 850 Mbps

**Average Bandwidth** 50-300 Mbps

**Video Codec** Proprietary AGIC-G1 Visually Lossless

**Audio Codec** Proprietary I2S Lossless

**Encryption** AES-128 Hardware Based Crypto Engine

### UL-707WP2 Specifications

**Dimensions** 108 x 92 x 29 mm  
4.3 x 3.6 x 1.1 inch

**Weight** 0.20 kg / 0.44 lb

**Rear Side Ports** RJ-45 (1Gb Network)

**Front Side Ports** HDMI In

**Power Supply** 5V-18V, 10W  
5.5mm/2.1mm, positive tip

**Operating Temp** 0-60 °C / 32-140 °F

**Device Type** Wallplate Encoder

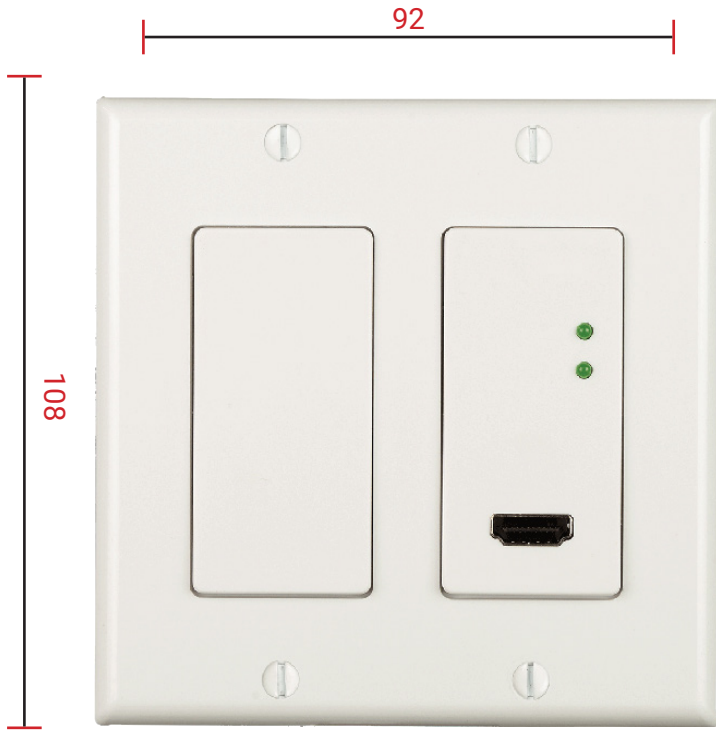
**POE** IEEE 802.3af (15.4W)  
Maximum 10 Watts

**Release Date** November 2019

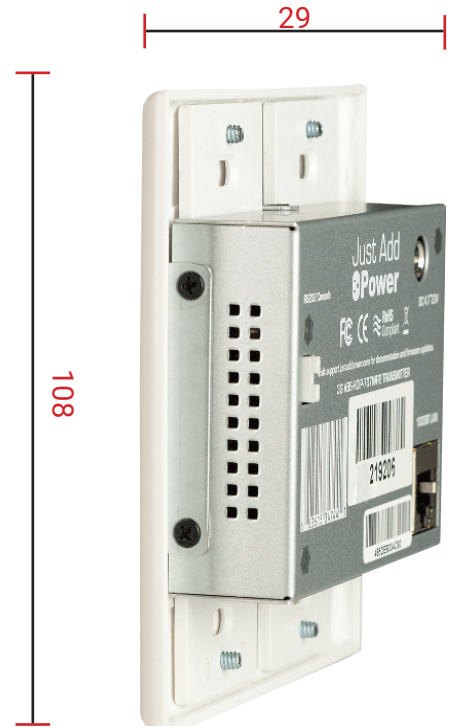
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**Front of Device:**

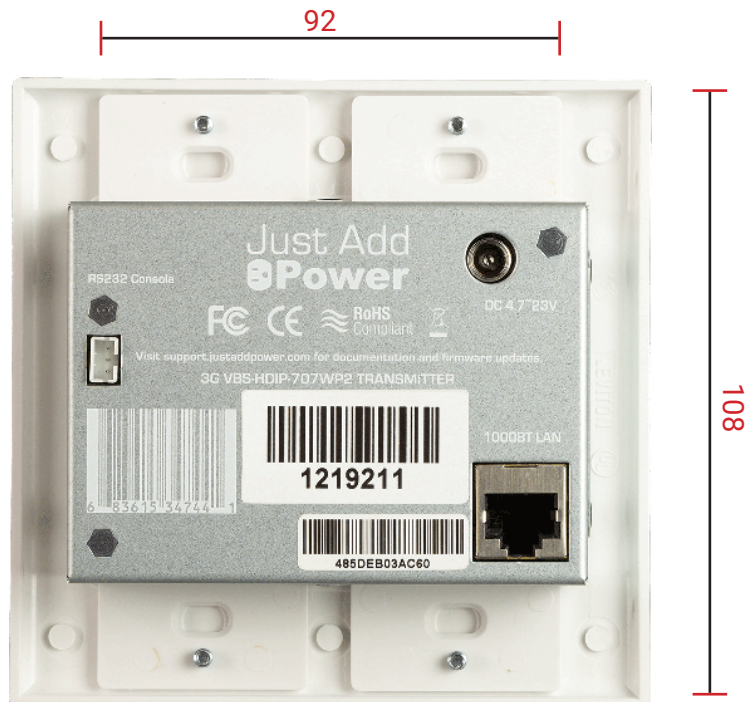


**Side of Device:**



All measurements in millimeters (mm)

**Back of device:**



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## UL-707WP2 (VBS-HDIP-707WP2)

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