# ULTRA Series
# UL-718WP4 (VBS-HDIP-718WP4)

Just Add Power
AV over IP Solutions

## 4K Wallplate Encoder with Dolby DSP, Stereo Out, USB, and VGA

The Ultra Series 718WP4 Wallplate Encoder fits into a 4-gang construction box and provides multiple video and audio inputs and outputs to any Just Add Power video distribution system.

The 718WP4 distributes 4K video over a Cat5e or greater network cable while providing Dolby Digital 5.1 downmixing and adjustable volume and delay for an immersive audio experience. This device also supports USB 2.0 and KVM; along with all the 4K system wide features from the Ultra Series product line.

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All specifications subject to change without notice.

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## Video

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

## USB (KVM)

| | |
|---|---|
| **USB Standard** | USB 2.0 |
| **USB Features** | Keyboard, Mouse, and Touchscreen Pass-through |

## Audio

| | |
|---|---|
| **Supported Audio** | Dolby Digital 5.1 |
| **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-718WP4 Specifications

| | |
|---|---|
| **Dimensions** | 108 x 184 x 79.5 mm<br>4.3 x 7.2 x 3.1 inch |
| **Weight** | 0.29 kg / 0.64 lb |
| **Rear Side Ports** | RJ-45 (1Gb Network) |
| **Front Side Ports** | HDMI In<br>HDMI Out<br>DB9-F 2-Way RS232<br>3.5mm Stereo Out<br>3.5mm Line In<br>3.5mm Mic In<br>USB Micro 2.0<br>DB9-F RS232 Service Port |
| **Power Supply** | 5V-18V, 10W<br>5.5mm/2.1mm, positive tip |
| **Operating Temp** | 0-60 °C / 32-140 °F |
| **Device Type** | Wallplate Encoder |
| **POE** | IEEE 802.3af (15.4W)<br>Maximum 10 Watts |
| **Release Date** | November 2016 |

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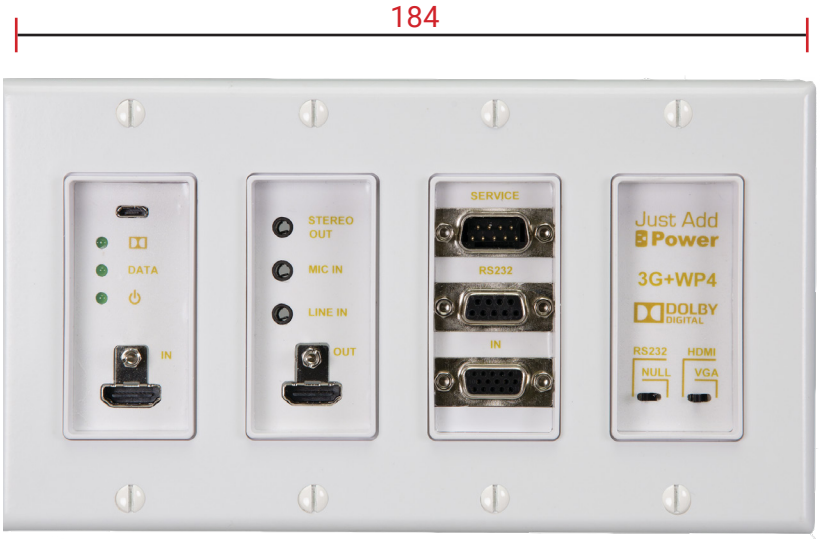
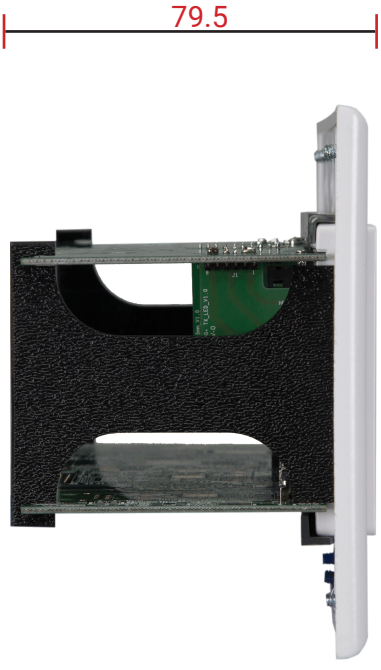
## Front of Device:

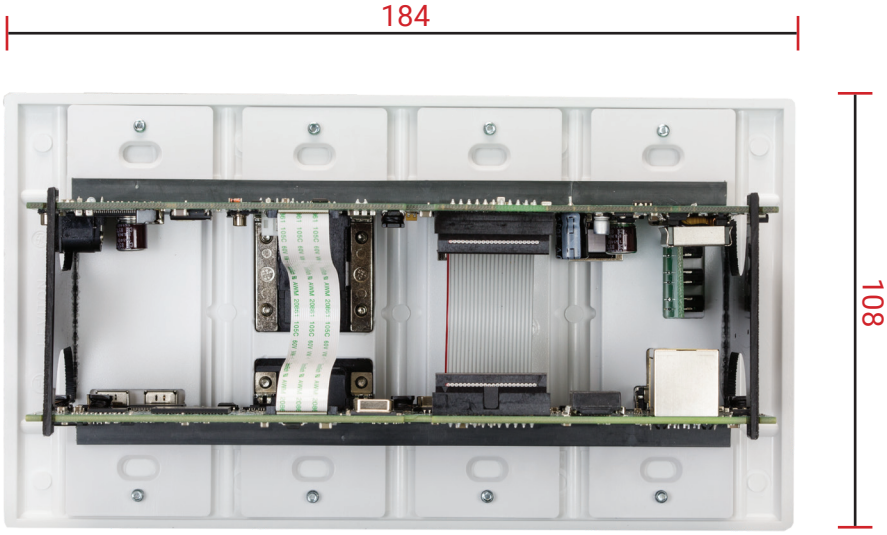



## Side of Device:




All measurements in millimeters (mm)

## Back of device:

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## Need product images for your marketing?

Check out our Sales Partner Resource Page!

**www.justaddpower.com/sales-partner-resources/**

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