

ULTRA Series

UL-508POE (VBS-HDIP-508POE)

Just Add
Power
AV over IP Solutions

4K Standard Decoder



The Ultra Series 508POE Decoder distributes 4K video and supports all audio formats over a single Cat5e or greater network cable.

The 508POE Decoder processes a 4K or lower-resolution source from a Just Add Power Encoder and distributes video to the designated display; along with all the 4K Decoder system wide features from the Ultra Series product line.

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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
Video Scaler	720p to 2160p30, 2x up, 1/2 down
HDMI Standard	HDMI 2.0a

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
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On-Screen Graphics

OSD	On-Screen Display
Image Pop	Graphic Overlay
Image Pull	Generate Live Video Thumbnail
Image Push	Display Custom Background Image When No Video is Showing

Video Wall

Orientation: (90 ° increments)	Standard Landscape, Standard Portrait, Mosaic
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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-508POE Specifications

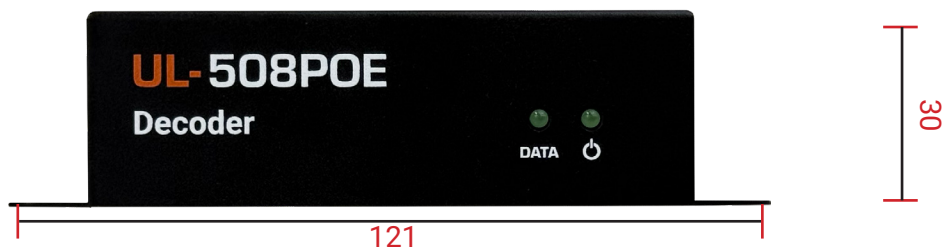
Dimensions	121 x 30 x 125 mm 4.8 x 1.2 x 4.9 inch
Weight	0.33 kg / 0.73 lb
Rear Side Ports	RJ-45 (1Gb Network) HDMI Out 3.5mm 2-Way RS232
Power Supply	5V-18V, 10W 5.5mm/2.1mm, positive tip
Operating Temp	0-60 °C / 32-140 °F
Device Type	Encoder
POE	IEEE 802.3af (15.4W) Maximum 10 Watts
Release Date	October 2016

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Front of Device:



All measurements in millimeters (mm)

Back of Device:



All measurements in millimeters (mm)

Bottom of Device:



All measurements in millimeters (mm)

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