

ULTRA Series

UL-708POE (VBS-HDIP-708POE)

Just Add
Power
AV over IP Solutions

4K Encoder with Stereo Audio Extraction



The Ultra Series 708POE Encoder supports all audio formats and features a Stereo Audio Extraction port, ensuring high-quality audio performance and versatility.

Distribute 4K video, stereo audio, and breakout analog audio on a single device - along with all the 4K system wide features from the Ultra Series product line.

ULTRA Series

UL-708POE (VBS-HDIP-708POE)

Just Add
Power
AV over IP Solutions

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-708POE Specifications

Dimensions	121 x 30 x 125 mm 4.8 x 1.2 x 4.9 inch
Weight	0.34 kg / 0.75 lb
Rear Side Ports	RJ-45 (1Gb Network) HDMI In 3.5mm 2-Way RS232 3.5mm Stereo Out
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	January 2020

ULTRA Series

UL-708POE (VBS-HDIP-708POE)

Just Add
Power
AV over IP Solutions

Front of Device:



All measurements in millimeters (mm)

Back of Device:



All measurements in millimeters (mm)

Bottom of Device:



All measurements in millimeters (mm)

ULTRA Series

UL-708POE (VBS-HDIP-708POE)

Just Add
Power

Need product images for your marketing?

Check out our Sales Partner Resource Page!

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

