ULTRA Series
UL-747POE (VBS-HDIP-747POE)

Just Add Power
AV over IP Solutions

4K Rackmount Encoder

Four 707POE Encoders in one form factor

The Ultra Series 747POE 4-in-1 Rackmount Encoder distributes 4K video and audio over Cat5e or greater network cable to every zone - along with all the 4K system wide features from the Ultra Series product line.

The 747POE encodes 4K—or lower-resolution—source devices into an IP signal and distributes them across the network with ultra-low latency, instant switching, and full support for all audio formats.

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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 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-747POE Specifications

Dimensions	429 x 44.5 x 250 mm 16.9 x 1.75 x 9.8 inch (19-inch rack, 1 RU)
Weight	2.96 kg / 6.53 lb
Rear Side Ports	4x RJ-45 (1Gb Network) 4x HDMI In 4x 3.5mm 2-Way RS232
Power Supply	40W AC IEC 60320 C13/C14
Operating Temp	0-60 °C / 32-140 °F
Device Type	Encoder
POE	IEEE 802.3af (15.4W) Maximum 10 Watts per Encoder
Release Date	January 2018

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Front of Device:

44.5

429

All measurements in millimeters (mm)

Back of Device:

44.5

429

All measurements in millimeters (mm)

Bottom of Device:

250

429

All measurements in millimeters (mm)

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Just Add Power

Need product images for your marketing?

Check out our Sales Partner Resource Page!

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