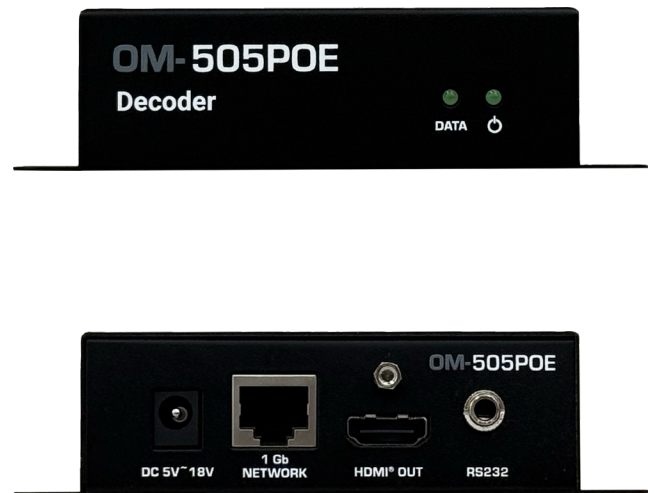


OMEGA Series

OM-505POE (VBS-HDIP-505POE)

Just Add
Power
AV over IP Solutions

1080p Standard Decoder



The Omega Series 505POE Decoder processes a 1080p or lower-resolution source from a Just Add Power Encoder and distributes 1080p video over a single Cat5e or greater network cable. The 505POE supports all audio formats and HDCP 1.4; along with all the system wide features from the Omega Series product line.

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Video

Maximum Input	1920x1080, 60fps, 36-bit color depth
Maximum Output	1920x1080, 60fps, 24-bit color depth
Dynamic Range	SDR, HDR10, HLG
Video Scaler	720p to 1080p60, 2x up, 1/2 down
HDMI Standard	HDMI 1.4b

Compliance

Certification	FCC/CE/ROHS/RCM
HDCP Compliance	1.4

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
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Stereo Audio Maximum Sample Rate	96kHz
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Network

Maximum Bandwidth	800 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

OM-505POE 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	Decoder
POE	IEEE 802.3af (15.4W) Maximum 10 Watts
Release Date	January 2017

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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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Just Add
Power

Need product images for your marketing?

Check out our Sales Partner Resource Page!
www.justaddpower.com/sales-partner-resources/

