OMEGA Series
OM-515POE (VBS-HDIP-515POE)

Just Add Power
AV over IP Solutions

1080p Decoder with USB and Stereo Audio Out

The Omega Series 515POE distributes 1080p video over a single Cat5e or greater network cable and supports all audio formats. The 515POE provides USB and KVM support; along with with all the system wide features from the Omega Series product line.

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All specifications subject to change without notice.

OMEGA Series
OM-515POE (VBS-HDIP-515POE)

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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

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

USB (KVM)

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

Video Wall

Orientation: (90 ° increments)	Standard Landscape, Standard Portrait, Mosaic

Audio

Supported Audio	All Audio Formats
Stereo Audio Maximum Sample Rate	96kHz

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-515POE Specifications

Dimensions	146 x 30 x 127 mm 5.8 x 1.2 x 5.0 inchC11
Weight	0.41 kg / 0.90 lb
Rear Side Ports	RJ-45 (1Gb Network) HDMI Out 3.5mm 2-Way RS232 3.5mm Stereo Out
Front Side Ports	2x USB-A 2.0
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	March 2017

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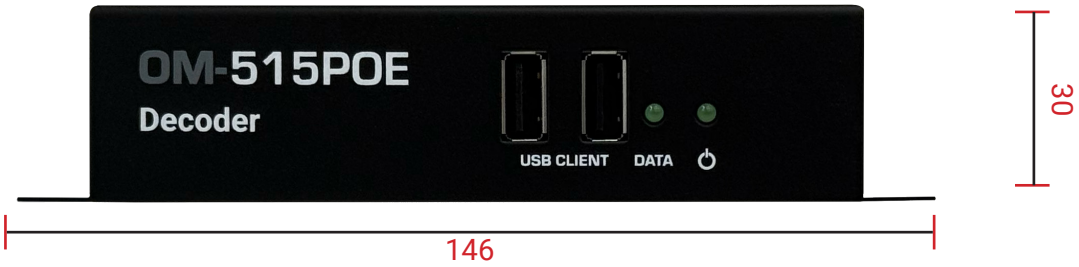
Front of Device:

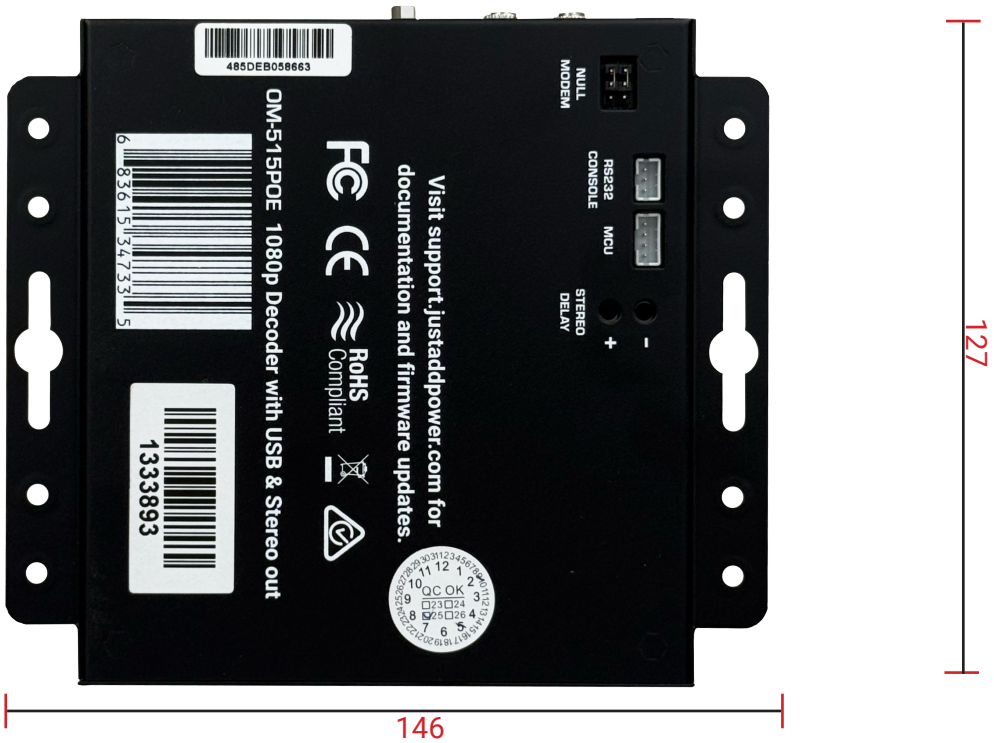


All measurements in millimeters (mm)

Back of Device:

All measurements in millimeters (mm)

Bottom of Device:



All measurements in millimeters (mm)

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Just Add Power

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