OMEGA Series
OM-726TVI (VBS-HDIP-726TVI)

Just Add Power
AV over IP Solutions

1080p Encoder with TVI In, USB, and HDMI Out

The Omega Series 726TVI Encoder encodes a 1080p or lower source device into an IP signal and distributes 1080p over a single Cat5e or greater network cable. This device provides a line-in for injecting audio and supports USB and KVM functionality.

Add a TVI source to your HD over IP system without the need for an TVI-HDMI converter.

The 726TVI Encoder adds TVI support, HDMI loopout and USB 2.0 to any Omega Series Just Add Power video distribution system.

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All specifications subject to change without notice.

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Video

Maximum Input	1920x1080, 60fps, 36-bit color depth
Maximum Output	1920x1080, 60fps, 24-bit color depth
HDMI Standard	HDMI 1.4b

Compliance

Certification	FCC/CE/ROHS/RCM

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

USB (KVM)

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

Audio

Supported Audio	Line-in for injecting audio
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-726TVI Specifications

Dimensions	159 x 30 x 124 mm 6.3 x 1.2 x 4.9 inch
Weight	0.44 kg / 0.97 lb
Rear Side Ports	RJ-45 (1Gb Network) TVI In (BNC) HDMI Out 3.5mm Line In USB-B 2.0
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	February 2019

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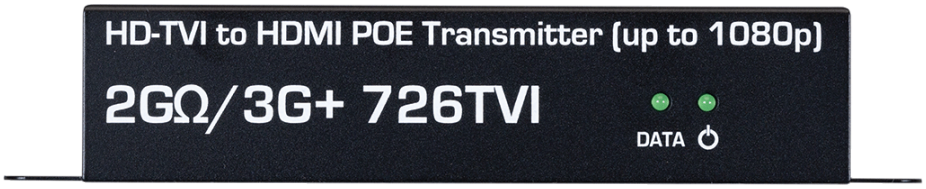
Front of Device:



30

159

All measurements in millimeters (mm)

Back of Device:

30

159

All measurements in millimeters (mm)

Bottom of Device:

124

159

All measurements in millimeters (mm)

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Just Add Power

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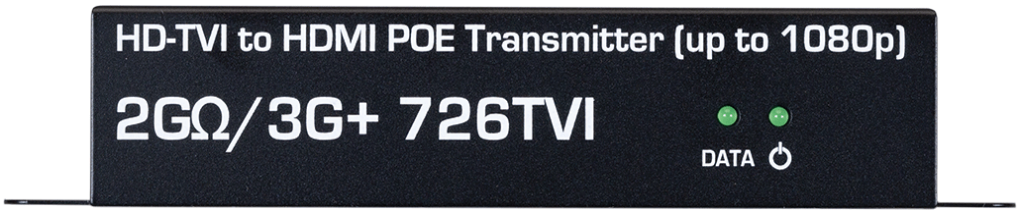
Check out our Sales Partner Resource Page!

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



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