2G OMEGA 726TVI Transmitter

VBS-HDIP-726TVI

Just Add Power

TVI Input, HDMI Loopout, and KVM Support Transmitter

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

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

The 726TVI Transmitter encodes a 1080p or lower source device into an IP signal and sends it over the network with ultra-low latency and instant switching; and features image pull and KVM support.
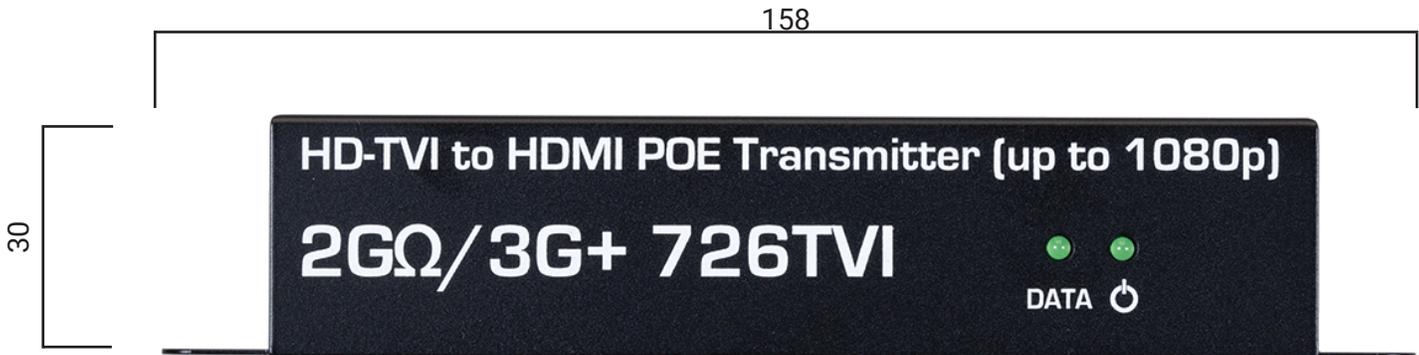
Features

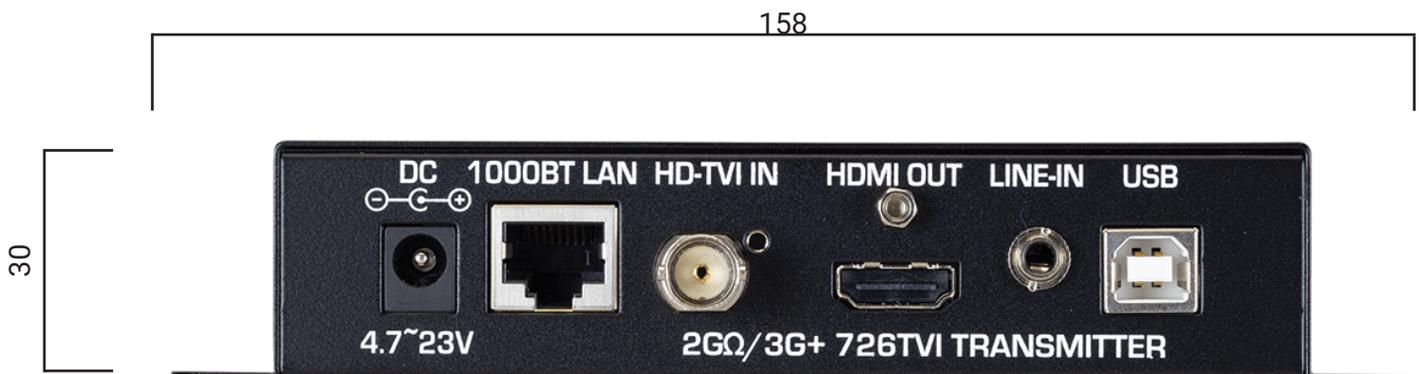|			
Audio	Line-in for injecting audio	**KVM Support**	Provide local and remote access to all computers on the system with a built-in keyboard, mouse and touchscreen interface at both ends of a connection
HDMI	HDMI pass-through		
		Scalability	Fully compatible with all 3G Ultra and 2G Omega products
Image Pull	Preview an image from any source or display,in any web browser or control system, at up to 10 fps		

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Front of Device:

158

30

HD-TVI to HDMI POE Transmitter (up to 1080p)

2GΩ/3G+ 726TVI

DATA ⏻

All measurements in millimeters (mm)

Back of Device:

158

30

DC 1000BT LAN HD-TVI IN HDMI OUT LINE-IN USB

4.7~23V 2GΩ/3G+ 726TVI TRANSMITTER

All measurements in millimeters (mm)

Specifications

Bandwidth	180-500 Mbps	**POE**	10 watts maximum
Compliance	RoHS/FCC/CE	**Ports**	Gigabit Ethernet HDE-TVI In HDMI Out 3.5mm Line-In USB 2.0 Type B
Dimensions & Weight	159 x 30 x 124 mm 6.3" x 1.2" x 4.9" inch 0.36 kg / 0.8 lb		
Encryption	AES-128 Encryption	**Power Supply (not included)**	DC5V, 2A minimum 5.5mm/2.1mm, Positive tip
Operating Temp	0-60 °C / 32-140 °F	**Supported Resolutions**	Up to 1080p

Specifications

Encoding/Decoding

Video Codec	AGIC-G1 Proprietary Visually Lossless Video Codec
Audio Codec	Proprietary I2S Lossless Audio Codec
Bit Rates	300 to 850 Mbps
Latency	Ultra-low latency 16ms @ 1080p60 & 720p60
Streaming Protocols	IP, UDP, TCP, ICMP, IGMP
Copy Protection	HDCP 2.2, AES-128 Encryption

Video

Maximum Resolutions	High Dynamic Range HDR10 1080p60 4:4:4 HDR 12-bit
Input Signal Types (Encoder)	HDMI
Output Signal Types	HDMI
Scaler (Decoder)	720p up to 1080p60 with many options inbetween

Audio

Input Signal Types	HDMI, 3G-SDI, TVI
Output Signal Types	HDMI, Analog Stereo
Digital Formats	Dolby Atmos, DTS:X, Dolby TrueHD, DTS-HD, Dolby Digital, Dolby Pro Logic, DTS, LPCM up to 8 channels
Analog Formats	Stereo 2-channel up to 96 kHz

Power

Power Consumption	10 watts maximum

Compliance

	CE, FCC, RoHS

Communication & Control of External Devices

Ethernet	1Gb RJ-45 for control and AV
USB	USB 2.0
Serial/RS-232	Bi-directional control and monitoring
HDMI	CEC, EDID (Transmitter)
Infrared (IR)	Available with add-on

Connectors

LAN	8-pin female RJ-45 1000Base-T POE (802.3af)
HDMI Input	HDMI Type A female
HDMI Outputs (Transmitter loopout & Receiver output)	HDMI Type A female
RS232	3.5mm female
Stereo Output	3.5mm female
USB (Receiver)	USB Type-A female (x2)
USB (Transmitter)	Micro-USB female (x1)
Infrared (IR)	None

Environmental

Cooling	Convection / no fan (no moving parts)
Temperature	0-60 C / 32-140 F
Heat Dissipation	34 BTU/hr
Acoustic Noise	0 dBA