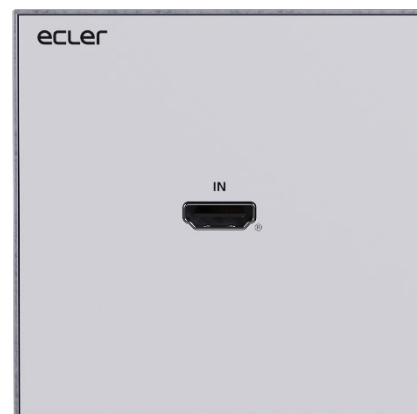


# WPTI1CG2

## VIDEO DISTRIBUTION OVER IP

### Wall Plate H.265 Video Over IP Transmitter



## PRODUCT OVERVIEW

**WPTI1CG2** transmitter is a professional H.265 / H.264 device designed for HDMI® distribution over 1Gb Ethernet networks, supporting resolutions up to WUXGA and 1080p. It delivers high-quality video compression over distances of up to 100 meters using a single Cat 5e or higher cable. Its wallplate design, featuring an HDMI® input, RJ-45 port with PoE, and a reset button, provides an elegant solution for visible installations. Control and configuration are managed via the built-in WebGUI or pairing it with the VEO-XCTRLG2 controller, ensuring an easy setup and reliable performance.

## KEY FEATURES

- Video over IP Unicast and Multicast distribution over 1Gb managed networks.
- Support for H.264/H.265 video codec with 100ms average latency.
- Support for HDMI® 10.2Gbps 1080p 60Hz 4:4:4 as specified in HDMI® 1.4.
- Transmission distance up to 100 meters over Cat 5e or higher cable.
- Support for Main and Sub stream for video preview.
- Support for video wall compositing and management up to 9 x 9 setups (via VEO-XCTRLG2).
- Support for audio formats LPCM 2.0 .
- Advanced EDID Management (via VEO-XCTRLG2).
- HDCP 1.4 compliant.
- Control options include TCP/IP set of commands and WebGUI.
- Support for PoE function.
- Compatible with round electrical boxes that are 60mm in diameter.
- Surface mounting box included.

## APPLICATIONS

- Retail
- Hospitality
- Corporate
- Sport & Wellness

## OPTIONAL ACCESSORIES & COMPATIBLE DEVICES

- [VEO-XCTRLG2](#)



## TECHNICAL SPECIFICATIONS

## WPTI1CG2

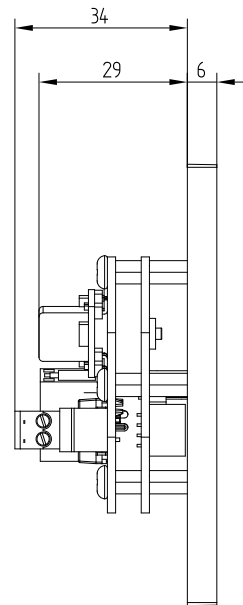
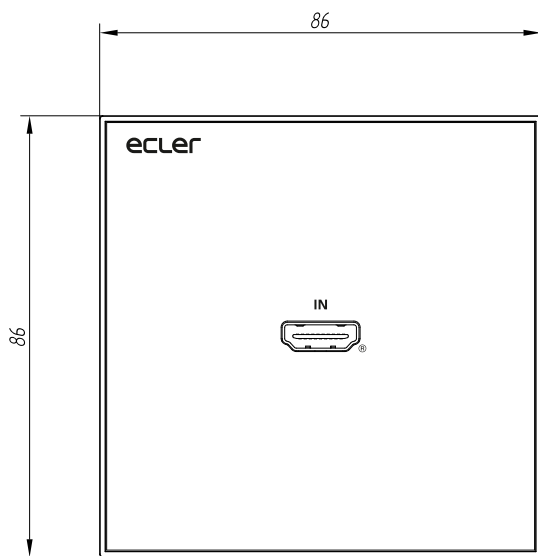
Video performances	
Video Input Connectors	1 x HDMI® Type A Female, 1.4, 10.2 Gbps
Video Input Resolutions	480i, 480p, 720i, 720p, 1080i, 1080p, 1920 x 1200 up to 60Hz
Video Output Resolutions	1920 x 1200 up to 60Hz
Video Codec	H.265 / H.264
Transmission Latency	<100ms
Chroma Subsampling	4:4:4, 4:2:2, 4:2:0
Colour Depth	8-bit, 10-bit, 12-bit (1080p 60Hz)
Colour Space	RGB, YCbCr, YUV
HDCP	1.4
Video Composing Capabilities	Videowall up to 9x9 (via VEO-XCTRLG2)
Scaling Features	Up to 1920 x 1200 60Hz
HDMI® Distance	Up to 1920 x 1200/60Hz: 10m with IN/OUT HDMI® Cable
Audio performances	
Audio Formats	LPCM 2.0
Sample Rate	32KHz, 44.1KHz, 48KHz
Bit Depth	Up to 24-bit
Frequency Response	20Hz-20KHz
ARC/eARC	No
Device control	
Control Connectors	1x RJ-45
Control Protocols	Web, Telnet, RS-232, IR
Control Buttons	1 x Reset button, 2 x Input selection
EDID Management	EDID Settings
Status Indicators	Power LED
Network	
Network Connectors	RJ-45
Network Requirements	IGMP Snooping
Average Streaming Bitrate	1-20 Mbps (configurable via WebGUI)
Transmission Distance	100m via Ethernet
Electrical	
Power supply	PoE; External: Input 100-240 VAC @ 50/60Hz, Output: 5VDC-1A
AC mains connector	100-240VAC 50-60Hz with EU, UK, US, AU blades
DC mains connector	2-pin Euroblock connector
Power consumption	3W
Physical	
Operating temperature	Min: -10°C ; 14°F Max: 45°C ; 113°F
Operating humidity	20% - 90% RH, no condensing
Installation options	Double Gang EU Format Surface Box, In-wall
Included accessories	1 x 2-pin Euroblock connector, 1 x Magnet, 2x Mounting screws, 1x Surface mount-box
Optional accessories	VEO-XCTRLG2
Dimensions (WxHxD)	86 x 86 x 40 mm / 3.39 x 3.39 x 1.57 in.
Weight	0.14 Kg / 0.31 lb

Shipping dimensions (WxHxD)	120 x 210 x 80 mm / 4.72 x 8.27 x 3.15 in.
Shipping weight	0.29 Kg / 0.64 lb
Chassis material	Metal
Finished colour	White (RAL 9003)

## MECHANICAL DIAGRAM



Ecler WPTIICG2 Mechanical Diagram



All the measurements are in mm

6I-II74-0100

[www.ecler.com](http://www.ecler.com)

All product characteristics are subject to variation due to production tolerances. NEEC AUDIO BARCELONA S.L. reserves the right to make changes or improvements in the design or manufacturing that may affect these product specifications.

For technical queries contact your supplier, distributor or complete the contact form on our website, in [Support / Technical requests](#).

Motors, 166-168 - 08038 Barcelona - Spain | Tel. (+34) 932238403 | [information@ecler.com](mailto:information@ecler.com) | [www.ecler.com](http://www.ecler.com)