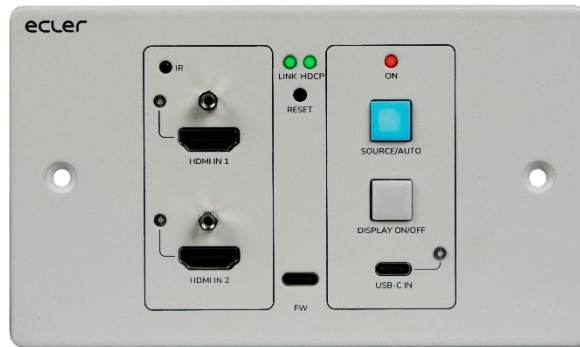


VEO-XWT44E

HDBASET[®] EXTENDERS

HDBASET[®] WALL PLATE TRANSMITTER WITH EU FORMAT



PRODUCT OVERVIEW

Ecler VEO-XWT44E is a HDBaseT[®] transmitter in European 2-gang wallplate format. It allows to extend one 4K video signal up to 40m over a single Cat 5e/6 cable or a FullHD signal up to 70m when connected to VEO-XRT44. It supports real 4K video signals at 60Hz with 4:4:4 YUV chroma subsampling and HDR 10 with a maximum bandwidth of 18Gbps. With bidirectional PoC feature, the transmitter can be powered by the receiver and vice versa. VEO-XWT44E includes 2 HDMI[®] Inputs and one USB-C Input selectable via front panel button, automatic switching feature or RS-232. It allows extending IR and a bidirectional RS-232 signal along with the video signal. A second front panel button can be used to switch ON/OFF a display via CEC or it can be alternatively programmed by IR learning or RS-232 to send two RS-232 commands, offering a simple and versatile control option.

KEY FEATURES

- Supports resolutions up to 4K@60Hz 4:4:4 HDR via HDMI® and up to 4K@30Hz 4:4:4 via USB-C
- HDCP 2.2 supported.
- Extends 4K signals to distances up to 40 meters (131 feet) and 1080P signals to distances up to 70 meters (230 feet) over a single CATx cable.
- 18Gbps high bandwidth.
- Advanced EDID management: multiple built-in EDID settings or customized EDID can be selected.
- Auto switching function.
- Bidirectional RS232 pass-through and bidirectional 24V PoH.
- Supports CEC pass-through.
- Display ON/OFF button can be programmed to send CEC and RS232 command
- Provides LEDs to indicate the current operating status.
- Firmware upgrade by USB-C port.
- ESD protection

APPLICATIONS

- Retail shops
- Fitness Center
- Sports Bar
- Restaurants
- Hotels
- Residential applications

TECHNICAL SPECIFICATIONS

VEO-XWT44E	
Video Performances	
Supported Resolutions	Up to 4Kx2K@60Hz 4:4:4 8bit HDR10
Audio Performances	
Audio Formats	Dolby Atmos, Dolby TrueHD, Dolby Digital Plus, Dolby Digital, DTS-X, DTS-HD Master Audio, DTS 5.1, PCM;
Sample Rate	32 KHz, 44.1 KHz, 48 KHz, 88.2 KHz, 96

PCM bit rate	KHz, 176.4 KHz, 192 KHz
Frequency Response	up to 24-bit
Max Output Level	
SNR	20Hz–20KHz, ±3dB
	2.0Vrms± 0.5dB
	>85dB, 20Hz - 20KHz bandwidth

Control

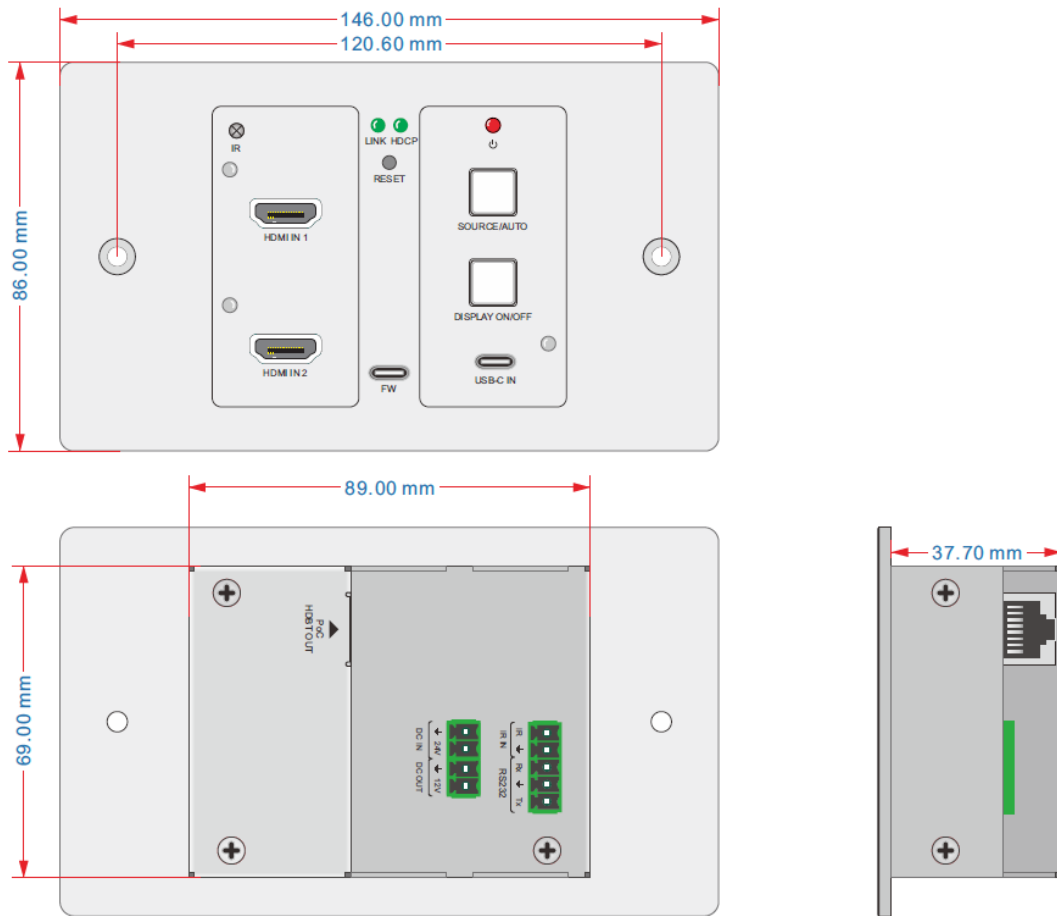
Control Ports	IR Receiver	IR Sensor Embedded
	RESET	Button
	SOURCE/AUTO	Back-lit button
	IR Control	2-pin Euroblock
	RS-232	3-pin Euroblock
	FW	Type-C USB Female
CEC		
	ON/OFF commands	Back-lit button or RS-232
	VOL+, VOL-	RS-232
	MUTE	RS-232

General

HDMI® Distance	up to 10 meters / 33 ft with Ecler VEO cables	
Transmission Standard	HDbaseT®	
Cat.5e/6 Distance	CAT5e/6 @4K	up to 35m / up to 115ft
	CAT6a/7 @4K	up to 40m / up to 130ft
	CAT5e/6 @1080p	up to 60m / up to 197ft
	CAT6a/7 @1080p	up to 70m / up to 230ft

Environmental	
Operation Temperature	-10 to +55°C (14 to +131 °F)
Humidity	10 - 90% RH (no condensation)
Power Supply	
Mains voltage	AC 100V ~ 240V 50/60Hz Output: DC 24V---1.25A
Rated power consumption	22W Max
Mechanical	
Dimensions	146mm × 86mm × 42mm (5.75" × 3.39" × 1.65")
Weight	294g / 0.648 lbs

MECHANICAL DIAGRAMS





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.
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