

VEO-XPS47

HDMI® EXTENDERS

4K 18Gbps HDMI® Extender Kit with Audio Extraction



PRODUCT OVERVIEW

VEO-XPS47 is an HDMI® 18Gbps extender kit that enables 4K 50Hz 4:4:4 video signals to be extended up to 70 meters with zero latency over a single Cat 5e or higher cable. It features stereo unbalanced audio extraction via Euroblock connectors on both the transmitter and receiver, as well as EDID management, IR signal pass-through, and bidirectional PoC support, making it a simple and cost-effective solution for professional extension applications.

KEY FEATURES

- Transmitter and receiver set for signal extension over a single Cat 5e or higher cable.
- Support for HDMI® 18Gbps 4K 60Hz 4:4:4 as specified in HDMI® 2.0b.
- Transmission distance for 4K/50Hz up to 70 meters and 4K/60Hz up to 30 meters.
- Stereo unbalanced audio extraction via Euroblock connectors on both the transmitter and receiver.
- Support for HDR10, HDR10+, Dolby Vision, and HLG.
- Support for audio formats LPCM 7.1, Dolby True HD, DTS HD Master.
- Bidirectional IR control extension.
- EDID management.
- HDCP 2.2 compliant.
- Bidirectional PoC function.

APPLICATIONS

- Education
- Corporate
- Hospitality

TECHNICAL SPECIFICATIONS

VEO-XPS47

Video Performances	
Video Input Connectors	Transmitter: 1 x HDMI® Type A Female, 2.0, 18Gbps; 1 x RJ-45 Female
Video Output connectors	Receiver: 1 x HDMI® Type A Female, 2.0, 18Gbps; 1 x RJ-45 Female
Video Input Resolutions	480i, 480p, 720i, 720p, 1080i, 1080p up to 60Hz, 1200p up to 25/30Hz, 4K up to 60Hz
Video Output Resolutions	480i, 480p, 720i, 720p, 1080i, 1080p up to 60Hz, 1200p up to 25/30Hz, 4K up to 60Hz
Chroma Subsampling	4:4:4, 4:2:2, 4:2:0
Colour Depth	8-bit (4K 60Hz 4:4:4) , 10-bit / 12-bit (4K 60Hz 4:2:2 – 4:2:0)
Colour Space	RGB, YCbCr 4:4:4, YCbCr 4:2:2, YCbCr 4:2:0
HDCP	HDCP 2.2
HDR	HDR10, HDR10+, Dolby Vision, HLG
HDMI® Distance	Up to 4K/60Hz: 5m with IN/OUT HDMI® Cable
Audio Performances	
Audio Formats	LPCM 2.0/2.1/5.1/6.1/7.1, Dolby Digital, Dolby TrueHD, Dolby Digital Plus(DD+), DTS-ES, DTS HD Master, DTS HD-HRA, DTS-X
Sample Rate	48 KHz, 96 KHz, 192 KHz
Bit Depth	Up to 24-bit
Frequency Response	20Hz-20KHz (±3dB)
Device Control	
Control Connectors	1 x DIP Switch
EDID Management	EDID Copy, EDID Setting
Status Indicators	Link Status LEDs
Pass-Through Control	
Pass-through Connectors	1 x Jack 3,5mm
Pass-through Protocols	IR
Connection Specification	
HDMI® extension	Point-to-Point extension with zero latency
Transmission Distance	4K/50Hz up to 70m with Cat 5e or higher 4K/30Hz up to 30m with Cat 5e or higher
Electrical	
Power Supply	PoC bidirectional; External: Input 100-240VAC 50/60Hz 0.3A, Output DC 12VDC-1A
AC Mains Connector	External PSU. Included 4 region power blades (UK,US,AU,EU)
DC Mains Connector	DC Locking
Power Consumption	3.36W
Physical	
Operating Temperature	Min: 0°C; 32°F Max: 40°C; 104°F
Operating Humidity	20 - 80% RH, non-condensing
Storage temperature	Min: -20°C ; -4°F Max: 60°C ; 140°F
Storage humidity	10% - 90% RH, non-condensing

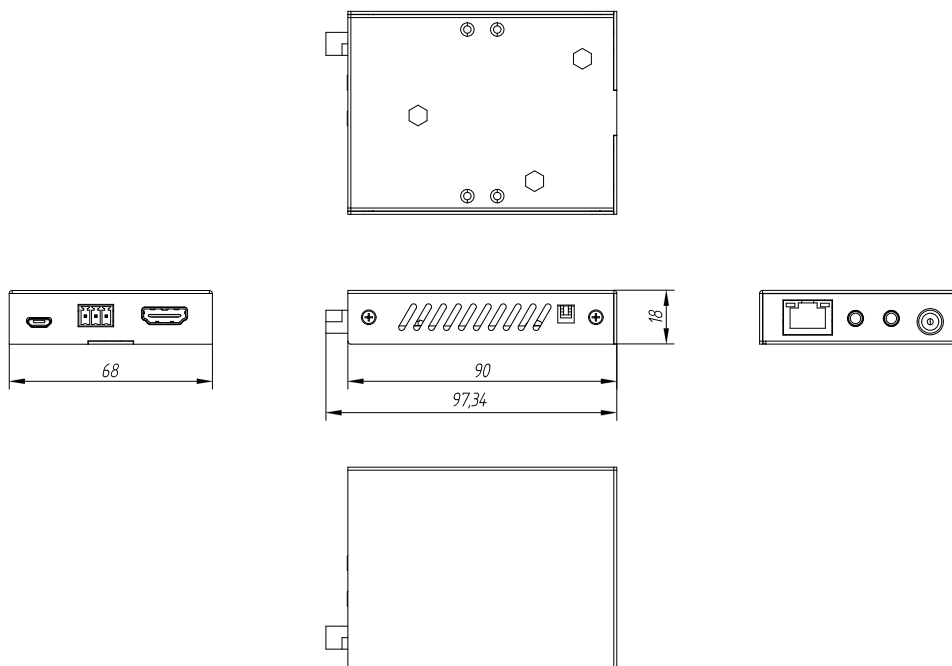
Installation options	Mounting ears for table, wall or screwed
Included Accessories	1 x IR Receiver cable (1.5 meters), 1 x IR Blaster cable (1.5 meters), 2 x 3-pin 3.5mm Euroblock connector, 4 x Mounting ears, 8 x Mounting screw, 1 x USB 2.0 Cable, 1 x Firmware Update USB Adapter, 1 x PSU 12V/1A
Dimensions (WxHxD)	Transmitter/ Receiver: 90 x 18 x 68mm / 3.54 x 0.71 x 2.68 in
Shipping Dimensions (WxHxD)	215 x 75 x 135mm / 8.47 x 2.95 x 5.31 in
Weight	Transmitter: 0.160 Kg / 0.35 lb Receiver: 0.155 Kg / 0.34 lb
Shipping Weight	0.7kg / 1.54 lb
Chassis Material	Metal
Finished Colour	Black

MECHANICAL DIAGRAM

Transmitter



Ecler VE0-XPS47TX Mechanical Diagram



All the measurements are in mm

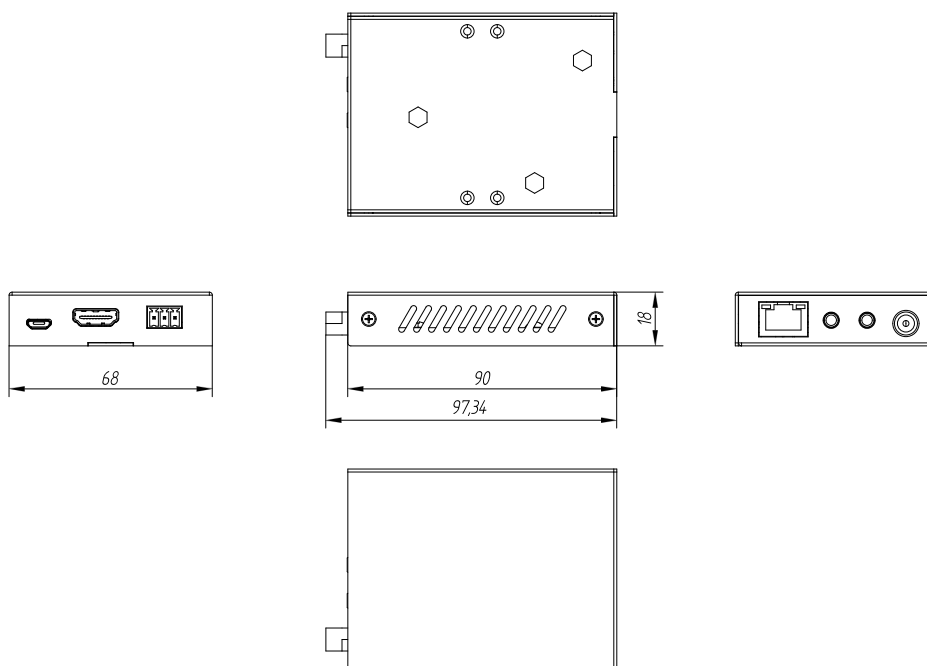
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Receiver



Ecler VE0-XPS47RX Mechanical Diagram



All the measurements are in mm

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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](#).

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