

# VEO-XTI2L / VEO-XRI2L

## VIDEO DISTRIBUTION OVER IP

*Low latency 4K over IP Video Extenders with KVM and Videowall*



### PRODUCT OVERVIEW

**VEO-XTI2L and VEO-XRI2L** represent a very versatile solution for audio, video and control signal distribution over Local Area Network (LAN). They can be used as 4K audio video and KVM extenders over IP in multiple configurations such as point to point, point to multi-point, multi-point to multi-point and video wall composition. They also include control features like USB, RS-232 and IR pass-through, with easy setup and management with Web GUI and PC GUI.

### KEY FEATURES

- 4K UHD HDMI over IP/Fiber Extension
- USB 2.0 over IP extension
- Supports transmission distance up to 120m over single Cat5e/6 cable
- Supports fiber optic extension up to 60Km (Single Mode)
- Supports up to 3840X2160@60hz YUV 4:2:0 input and 3840X2160@30hz outputs
- HDCP 2.2 / HDCP1.4 compliant
- Supports bi-directional Wide Band IR (38KHZ-56KHZ) pass-through
- Supports RS-232 pass-through and Telnet control
- Includes IR remote/front panel control of Group ID channel, with LED display to show the Group ID in use
- Supports Dolby True HD, DTS-HD Master Audio formats
- Supports 3D video format
- SPDIF 5.1 and L/R analog stereo embedding and de-embedding
- Videowall composition (Max 8x8)
- Easy installation over Gigabit IGMP compliant LAN Network
- Supports PoE (Power over Ethernet) or external 5V-18V power supply

### APPLICATIONS

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

## TECHNICAL SPECIFICATIONS

### VEO-XTI2L / VEO-XRI2L

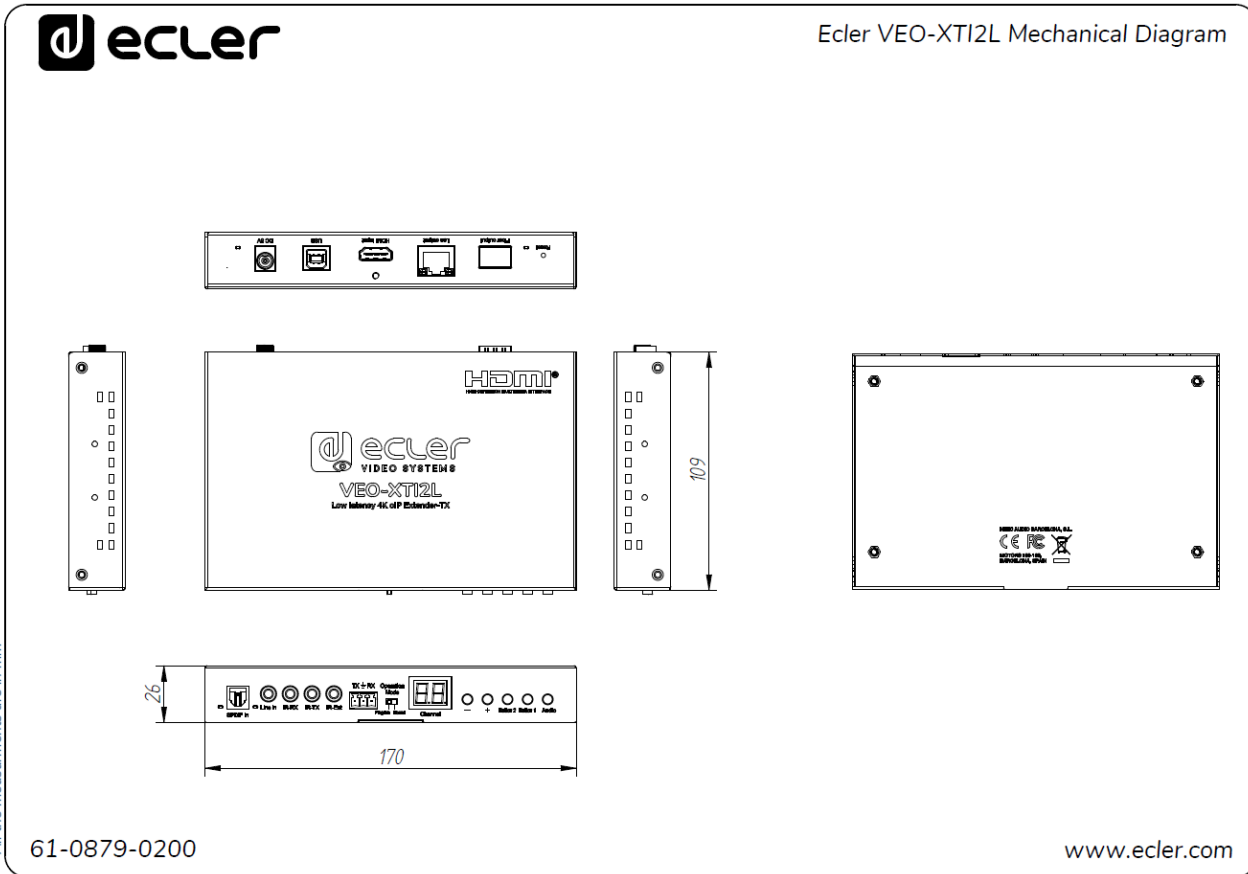
#### Audio and Video performances

<b>Supported Resolutions</b>	3840X2160@30HZ 3840X2160@60Hz(4:2:0) supported and converted to 3840X2160@30Hz, 1080P/1080i/720P/576P/576i/480P/480i
<b>Video connectors</b>	HDMI 1.4 with thread lock
<b>HDCP</b>	2.2 Compliant
<b>Network Requirements</b>	IGMP and Jumbo Frames compliance
<b>Network Streaming bitrate</b>	Up to 300Mps per stream
<b>Video Latency</b>	Typical 1 to 3 frames depending on network conditions
<b>Network connectors</b>	RJ45 with LED indication and SFP receptacle
<b>Default IP</b>	Auto IP (169.254.x.y)
<b>Analog Audio connectors</b>	3.5mm stereo minijack
<b>Digital Audio connectors</b>	S/PDIF Toslink
<b>Audio Formats</b>	LPCM 2.0, Dolby True HD, DTS-HD Master Audio
<b>Bitrate</b>	Up to 24-bit
<b>Sample Rate</b>	Up to 192 KHz
<b>IR Supported Bandwidth</b>	38-56 KHz
<b>HDMI Distance</b>	up to 10 meters with Ecler VEO cables
<b>Transmission Distance</b>	Up to 120m. (via CATx) in point-to-point topology; Up to 100m when connected to standard Ethernet devices; Up to 60Km via single mode Fiber; Up to 2Km via multi mode Fiber;
<b>USB Ports</b>	TX : USB 2.0 Keyboard/Mouse 1 x USB type B RX: USB 2.0 Keyboard/Mouse 2 x USB type A
<b>Operating Temperature</b>	0°C to +50°C (32 to 122 °F)
<b>Humidity</b>	20 to 90% non-condensing
<b>Power Consumption</b>	3W Maximum (TX and RX)
<b>Poe power operating</b>	802.3af
<b>Power Supply</b>	AC 100V ~ 240V 50/60Hz Output: DC 5V---1A

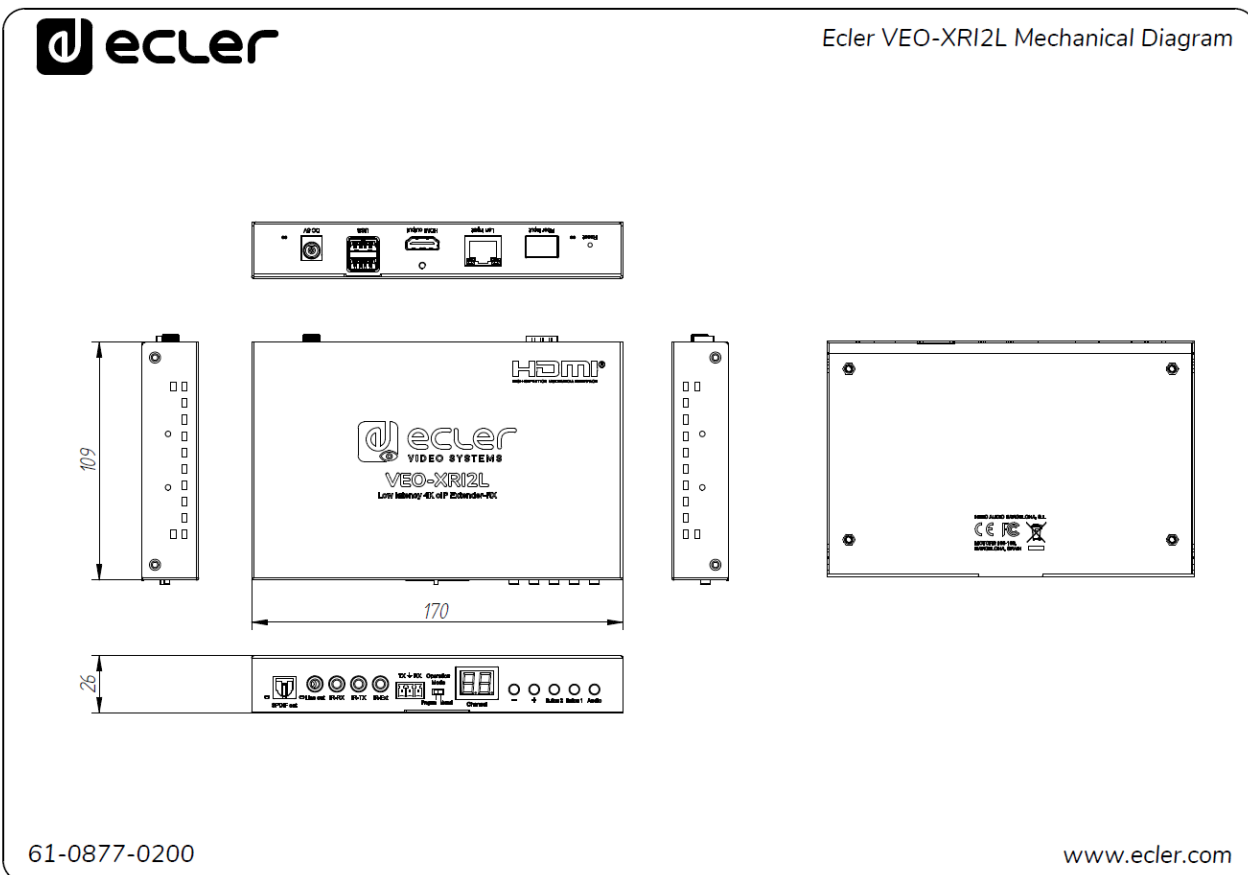
#### MISCELLANEOUS

<b>Dimensions (WxHxD)</b>	170 x 26 x 109 mm / 6.69 x 1.02 x 4.29 in.
<b>Weigh</b>	470g / 1.04 lb

MECHANICAL DIAGRAMS



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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