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-XTI2L 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

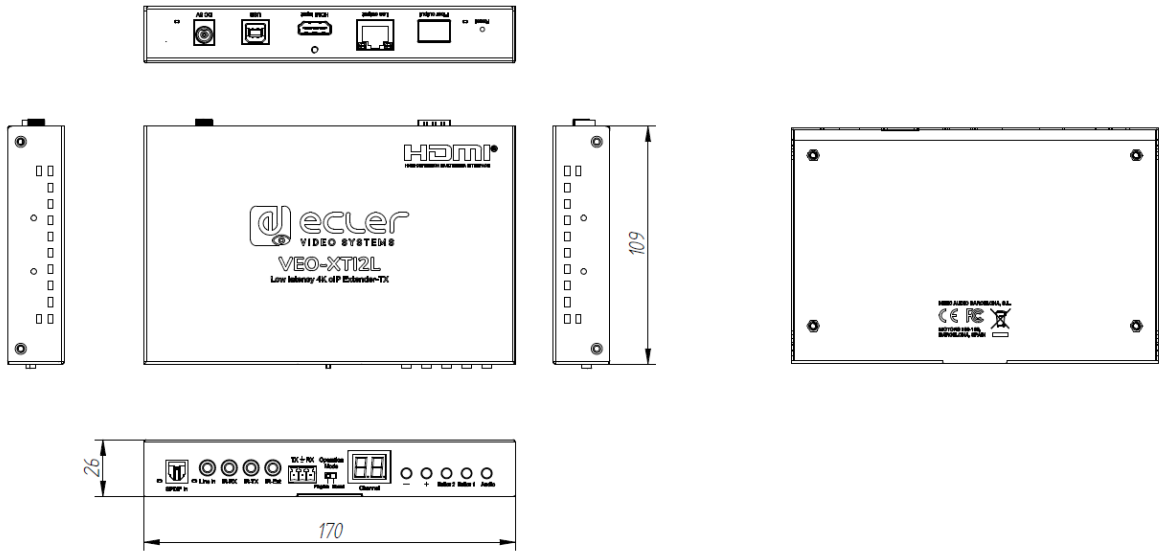
Supported Resolutions	3840X2160@30HZ 3840X2160@60Hz(4:2:0) supported and converted to 3840X2160@30Hz, 1080P/1080i/720P/576P/576i/480P/480i
Video connectors	HDMI 1.4 with thread lock
HDCP	2.2 Compliant
Network Requirements	IGMP and Jumbo Frames compliance
Network Streaming bitrate	Up to 300Mps per stream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

MISCELLANEOUS

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

MECHANICAL DIAGRAMS

Ecler VEO-XTI2L Mechanical Diagram



All the measurments are in mm

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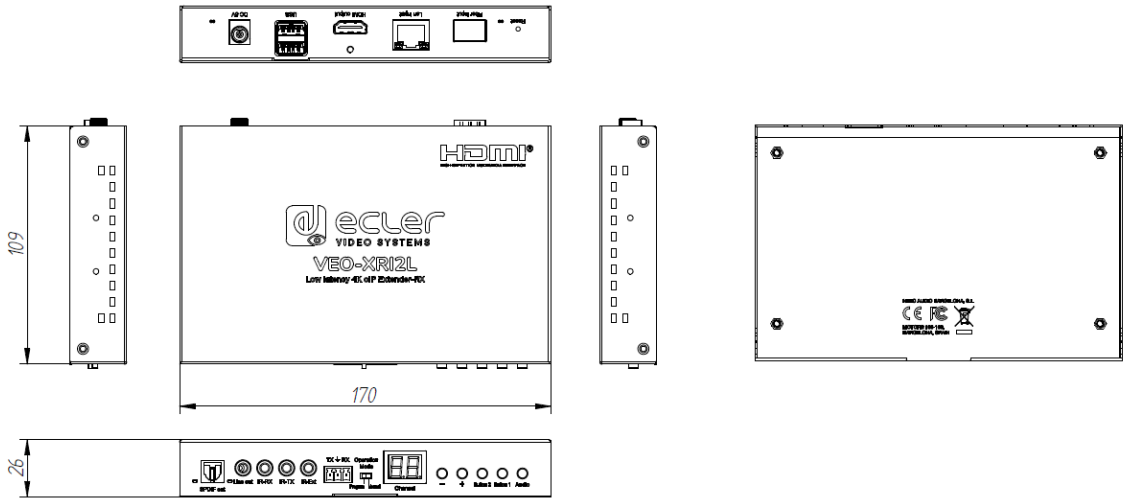
Ecler VEO-XRI2L Mechanical Diagram



All the measurments 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.

Motors, 166-168 - 08038 Barcelona - Spain - (+34) 932238403 | information@ecler.com | www.ecler.com