VEO-XTI1C / VEO-XRI1C

VIDEO DISTRIBUTION OVER IP

H.264 Full HD over IP Video Extenders

PRODUCT OVERVIEW

VEO-XTI1C encoder and VEO-XRI1C decoder are H.264 over IP extenders that allow HDMI video distribution via local Ethernet network. This represents a very flexible, expandable and cost-effective video distribution solution without the need of a dedicated video cabling system. Encoder and decoder support 120m over single Cat5e/6 cable in a point-to-point topology, or standard 100m Ethernet connection in point-to-multipoint and multipoint-to-multipoint over standard Ethernet switch. The over IP solutions are widely suitable for various applications such as meeting rooms, classrooms, commercial and residential AV systems, Digital Signage systems, medical information systems, transportation and mall advertisement.

KEY FEATURES

- Supports point-to-point, point-to-multipoint and multipoint-to-multipoint configuration
- Up to 120m over single Cat5e/6 cable in point-to-point connection, with 1x looping HDMI output for daisy chaining
- TCP/IP protocol compliant with selectable streaming bit rate up to 15Mbps per stream
- H.264 compression encoding that supports resolution up to 1080p@60hz
- HDCP Compliant
- IR Remote control, with LED display to show Group ID. Fully operating just out of the box without need of PC connection
- Integrated web server for configuration, PC tool control and Telnet control
- Supports LPCM audio format
- Wide-band IR pass-through for source control (38khz to 56khz)
- 2-way UART/RS-232 pass-through, with remote control function to select Baud rate
- Dual power input: 802.3af compliant POE & DC 5V (No need of external power supply when encoders and decoders are connected to a POE Switch)
- Included DC 5V/1A international power supply

APPLICATIONS

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

TECHNICAL SPECIFICATIONS

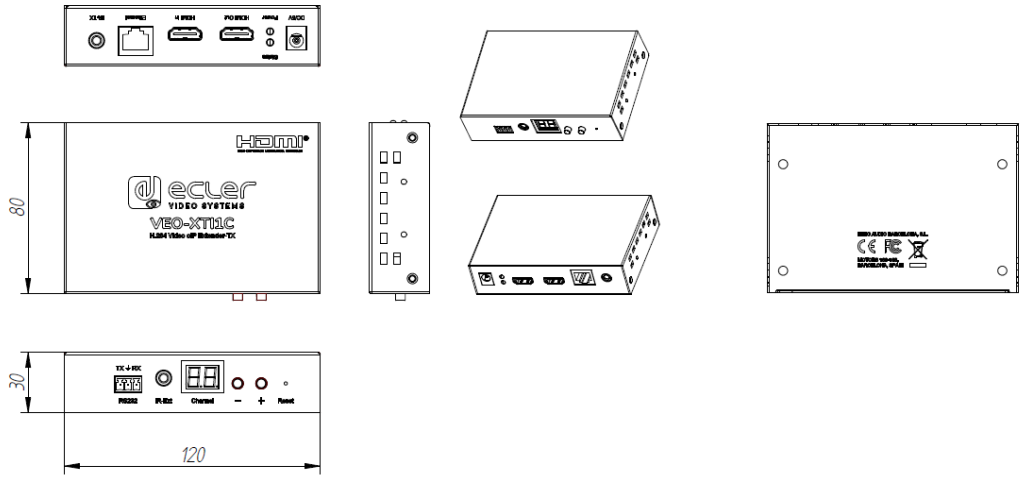
VEO-XTI1C / VEO-XRI1C

Audio and Video performances	
Supported Resolutions	1080p@24/25/29.97/30/50/59.94/60Hz, 1080i@50Hz, 720p@50/59.94/60Hz, 576p, 576i@50Hz, 480p, 480i@59.94/60Hz ***Vesa*** 640×480,800×600,1024×768,1280×768, 1280×960,1280×1024,1680×1050, 1920×1080,1280×720,1360×768,1400×1050
HDCP	1.4 Compliant
Network Requirements	IGMP and Jumbo Frames compliance
Network Streaming bitrate	Up to 15Mps per stream
Video Latency	300-500 ms depending on network conditions
Default IP	TX: 192.168.1.11 ; RX: 192.168.1.12
Audio Formats	LPCM 2.0
Bit rate	Support of 24-bit
Sample Rate	48 KHz
IR Supported Bandwidth	38-56 KHz
HDMI Distance	up to 10 meters (33 feet) with Ecler VEO cables
Operating Temperature	5˚C - 35˚C /41˚F - 95˚F
Humidity	5 - 90% RH (no condensation)
Power Consumption	3W Maximum (TX and RX)
Supply Input	AC 100V ~ 240V 50/60Hz Output: DC 5V---1A

MISCELLANEOUS	
Dimensions (W x H x D)	VEO-XTI1C: 120 x 30 x 80 mm / 4.72 x 1.18 x 3.15 in. VEO-XRI1C: 119 x 28 x 80 mm / 4.69 x 1.1 x 3.15 in.
Weight	280g / 0.617 lb

MECHANICAL DIAGRAMS

Ecler VEO-XTI1C Mechanical Diagram



All the measurments are in mm

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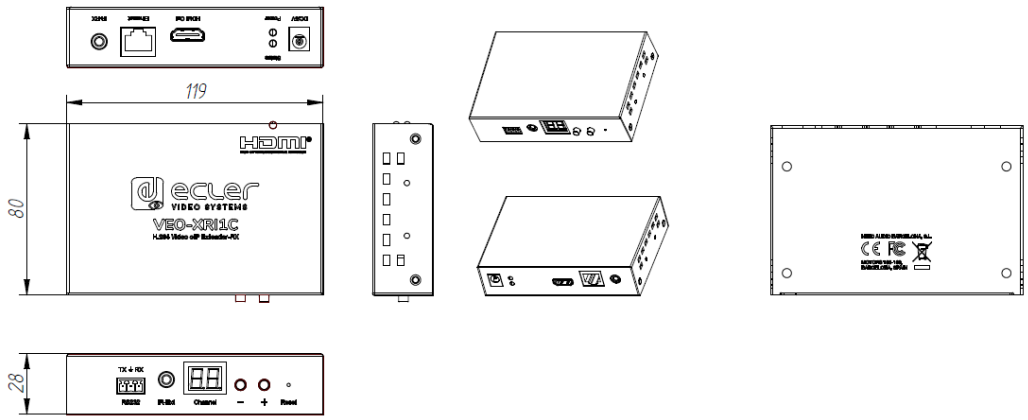
Ecler VEO-XRI1C Mechanical Diagram



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