

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 DATA

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

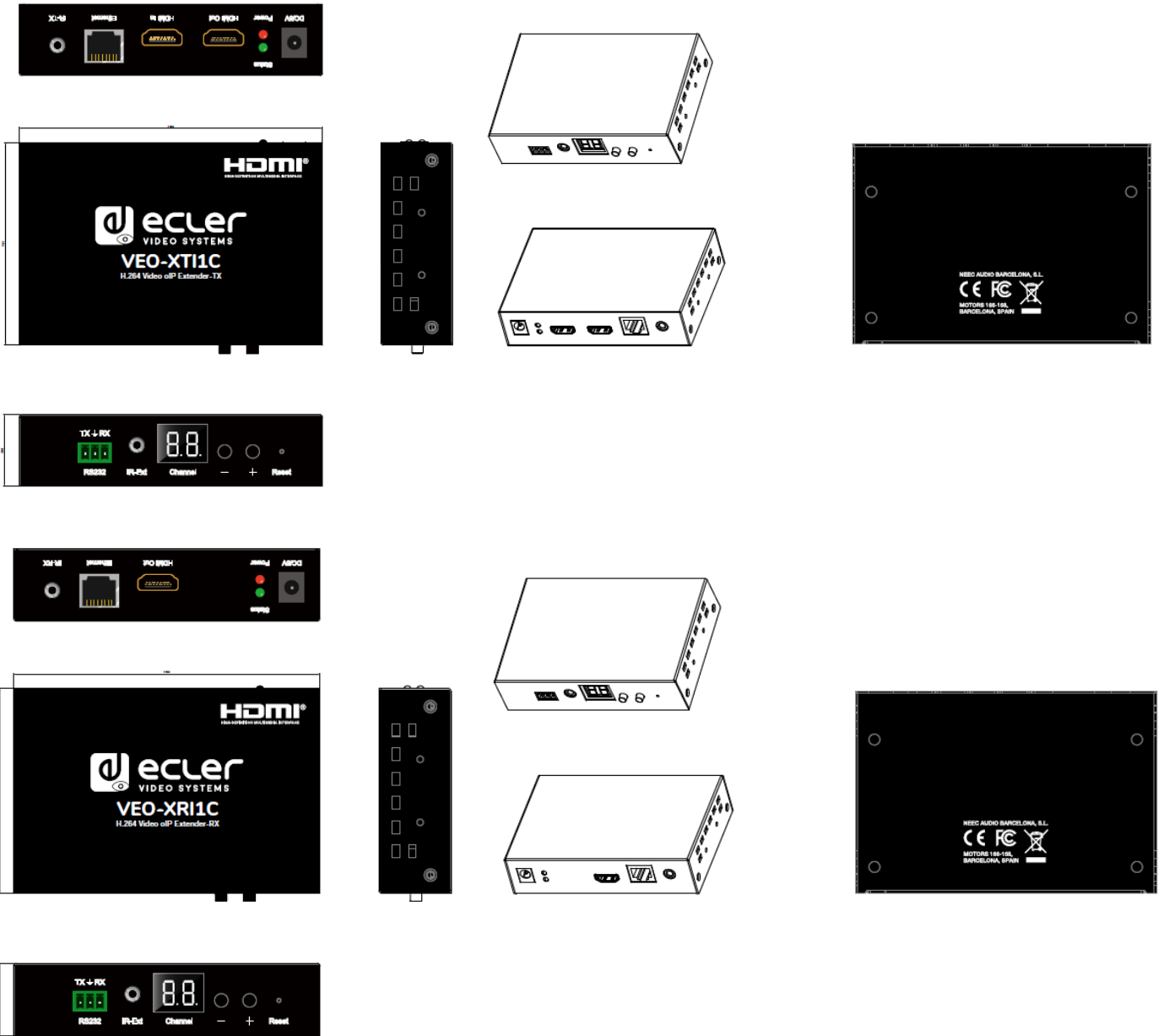
HDCP 1.4 Compliant**Network Requirements** IGMP and Jumbo Frames compliance**Network Streaming bitrate** Up to 15Mps per stream**Video Latency** 300-500 ms depending on network conditions**Default IP** TX: 192.168.1.11 ; RX: 192.168.1.12**Audio Formats** LPCM 2.0**Bit rate** Support of 24-bit**Sample 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 119mm x 28mm x 80mm / 4.69" x 1.1" x 3.15" (TX and RX)

Weight 280g / 0.617 lb

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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