

VEO-XPT44A

HDBASET EXTENDERS

HDMI 2.0 HDBaseT Extender Kit 18Gps with Audio Extraction



PRODUCT OVERVIEW

VEO-XPT44A allows to extend a 4K video signal up to 40m or a Full HD signal up to 70m over a single Cat 5e/6 cable. It supports 4K video signals at 60Hz with 4:4:4 YUV chroma subsampling and HDR10. The transmitter includes a HDMI loop output for monitoring or daisy-chain connection. A stereo unbalanced output on Euroblock connector is available both on the transmitter and the receiver for easy integration. Also, VEO-XPT44A includes bidirectional PoH feature so the transmitter can be powered by the receiver and vice versa. With a reduced form factor and the added features of RS-232 and bidirectional IR, this is the perfect solution for any applications where AV and control extensions are required.

KEY FEATURES

- Supports up to 4K@60hz, YUV, 4:4:4 resolution
- Transmission distance reaches up to 70 meters when Full HD and 40 meters when 4Ksignal
- HDMI loop out on TRANSMITTER
- Bi-directional IR and RS232 pass-through
- Bidirectional POH (RECEIVER powered by TRANSMITTER or vice versa)
- PCM 2.0 Audio de-embedding on TRANSMITTER and RECEIVER
- HDCP2.2/1.4 compliant
- Support for HDR10 and 3D

APPLICATIONS

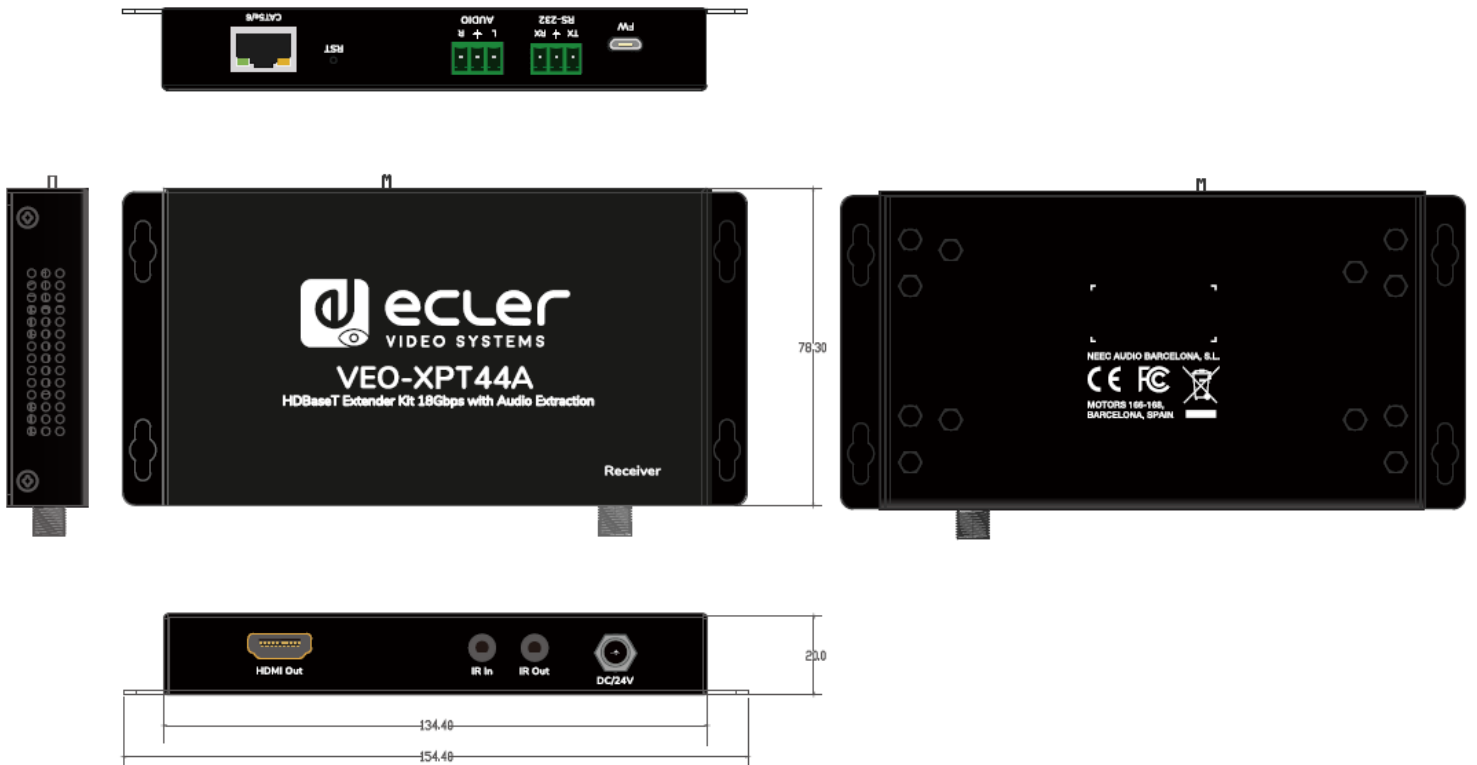
- Retail
- Hospitality
- Sport & Wellness

TECHNICAL SPECIFICATIONS

VEO-XPT44A

Video Performances	
Supported Resolutions	Up to 4Kx2K@60Hz
Colour Space	RGB, YCbCr
Chroma Subsampling	4:4:4, 4:2:2, 4:2:0
Colour Depth	8-bit, 10-bit, 12-bit, 16-bit only @4K30
HDR	HDR10
Signal Bandwidth	18 Gbps
HDCP	2.2 compliant
Video Connectors	Transmitter: - Input: Type-A Female HDMI - Output: Type-A Female HDMI Receiver: - Output: Type-A Female HDMI
Audio Performances	
Audio Formats	Dolby True-HD, DTS-HD Master Audio, PCM;
Sample Rate	32 KHz, 44.1 KHz, 48 KHz, 88.2 KHz, 96 KHz, 176.4 KHz, 192 KHz
Bit depth	KHz
Frequency Response	Up to 24-bit
Audio Output Connectors	20Hz–20KHz, ±3dB 1 x 3pin Euroblock for Stereo Unbalanced Output (PCM 2.0) both for TRANSMITTER and RECEIVER
Control	
EDID mode	3-positions EDID mode selector
LED indication	Green LED: HDbaseT connection OK Orange LED flashing: HDCP negotiation Orange LED fixed: HDCP encryption
General	
HDMI Distance	up to 10 meters / 33 ft with Ecler VEO cables
Cat.5e/6 Distance	CAT5e/6 @ 4K up to 35 m / up to 115 feet CAT6a/7 @ 4K up to 40 m / up to 130 feet CAT5e/6 @ 1080p up to 60 m / up to 197 feet CAT6a/7 @ 1080p up to 70 m / up to 230 feet
Environmental	
Operation Temperature	-10 to +50°C (14 to +122 °F)
Humidity	5 - 90% RH (no condensation)
Power Supply	
Mains voltage	AC 100V ~ 240V 50/60Hz Output: DC 24V---1A
Rated power consumption	Max 12W
Mechanical	
Dimensions	154,4mm × 78,3mm × 20mm (6.08"x 3.08"x 0.79")
Weight	688g / 1.52lbs (Pair)

MECHANICAL DIAGRAM



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.