VEO-SWM44

4K 4X1 Presentation Switcher with VEOCast

Integrable

VEO-SWM44

VEO-SWH44

HDMI 2.0 4X1 18Gbps Switcher with Audio De-embedder and RS-232 Control

Integrable

VEO-SWH44

VEO-SWM44 is a compact 4K presentation switcher that includes 2 HDMI 2.0, a USB-C and wireless input selection via VEOCast to a single HDMI 2.0 output.

KEY FEATURES

· Bandwidth up to 18Gbps, resolution up to 4k @60hz YUV 4:4:4

· Support HDR10, Dolby Vision

· Wireless BYOD (bring your own device) capability via VEOCast (for iOS, Android, Windows and MacOS devices)

· Provide up to 60w charging, USB data and 4K video over USB-C

· HDMI Audio de-embedded via balanced analogue audio port on Euroblock connectors

· HDCP2.2 Compliant

· EDID Smart Management (via dip-switch)

· Switching function via front panel, auto-switching function, RS-232

· Configuration via web-page (WiFi)

· Send CEC and RS-232 commands for display control

VEO-SWH44 is a 4x1 HDMI switcher for high dynamic range (HDR) formats. It is the ideal solution for applications requiring 4K/UHD and HDR sources and displays. VEO-SWH44 includes audio de-embedding features and audio EDID management. The HDMI selection could be automatic (sense selection) and manual (frontal panel, remote control or serial commands). The controls include ARC mute and LED indications of the selected sources and settings.

KEY FEATURES

· 4x1 Ultra High Definition sources selector compliant with HDMI 2.0a standards

· Video formats up to 4Kx2K(4096x2160@60Hz YUV 4:4:4) and all HDMI 3D video formats and all HDMI

· Supports HDR and 3D contents

· HDCP2.2/1.4 Compliant

· Supports 36 bit Deep Color

· Smart EDID management (Auto/2CH/5.1CH/7.1CH selectable)

· PCM, Dolby TrueHD, DTS-HD Master Audio up to 7.1CH

· Supports Audio Return Channel (ARC)

· Digital and analog audio output

· RS-232 Control

· Supports up to 18Gbps video data rate

VEO-SWC44 / 44TH 44TU

Wireless Conferencing and Presentation Switcher / HDMI wireless transmitter / USB-C wireless transmitter

VEO-MXH44D

HDMI 2.0 4X4 18Gbps Matrix with Audio De-embedders and Display

Integrable

Integrable

VEO-SWC44TU

VEO-SWC44TH

VEO-SWC44

VEO-MXH44D

VEO-SWC44 is a wireless conferencing and presentation switcher with Full HD video resolution wireless inputs and a 4K / UHD HDMI 2.0 video output. It supports wireless connection for USB devices like webcam and mic via dongle, Windows & macOS applications and is also Airplay / Miracast compliant. An integrated audio de-embedder provides stereo unbalanced analogue output on a 3,5mm jack connector. It includes a WebGUI for configuration and management as well as RS-232,TCP/IP remote control, all enabled by a pair of LAN RJ-45 connectors with independent networks available.

KEY FEATURES

· USB 3.0 ports for wireless connection between a laptop and room USB devices like camera and mic for an easy video conference

· Wireless input up to Full HD video resolution and a HDMI 2.0 4K / UHD video output

· Analogue audio extraction on stereo unbalanced 3,5mm jack connector

· Support for native wireless mirroring protocols like Airplay and Miracast for a flawless presentation

· Plug-n-play by optional wireless transmitters HDMI VEO-SWC44TH or USB Type-C VEO-SWC44TU as well as Windows and macOS apps for wireless connection with a laptop or PC

· RS-232 and IP control as well as WebGUI management

· Extra security layer for an encrypted wireless transmission.

· Support for up to 4 simultaneous split screen view presentation as well as up to 16 participants on hold

· Customizable background image or logo for the welcome screenpage

· Support wireless touchback for interactive screen as well as whiteboard and live annotation tool.

· Support for PoE

· Local 12V DC power supply

VEO-MXH44D is a 4x4 HDMI 2.0 matrix with support for up to 4K/UHD video resolution, 60 Hz and 4:4:4 chroma sampling. It includes 8 analogue and digital audio de-embedding outputs as well as EDID management, a LCD display and an integrated WebGUI that allows to configure and control the unit in a very user friendly way. The HDMI sources can be addressed using the frontal panel's selection buttons or via serial commands, TCP/IP, and IR. It is also HDCP 2.2 and 1.4 compliant. VEO-MXH44D can load and launch up to 8 presets which makes it a very interesting solution for professional applications that require video and audio HDMI signals routing between 4K/UHD sources and displays with a smart control management.

KEY FEATURES

· 4 x HDMI 2.0 inputs which can be independently routed to 4 x HDMI 2.0 outputs

· Supports HDMI 2.0 up to 4K @60Hz, YUV 4:4:4 8-bit, HDR (at 4K @60Hz YUV 4:2:0 10-bit)

· Suport for Full HD video downscaling

· 8 preset storage

· Supports audio formats including Dolby TrueHD, Atmos; DTS-HD Master Audio and DTS:X transmissions

· Analogue audio extraction on stereo unbalanced Euroblock connector as well as stereo and surround digital audio extraction on S/PDIF coaxial connector

· Control via front panel and display, IR remote, RS-232 control, IP control and WebGUI

· Advanced EDID management

· HDCP 2.2 compliant

· Local 12V DC power supply

VEO-MXH88D

HDMI 2.0 8X8 18Gbps Matrix with Audio De-embedders and Display

VEO-SPH48 / 44 / 42

HDMI 2.0 Splitter 1X8 / 1X4 / 1X2

Integrable

VEO-MXH88D

VEO-SPH48

VEO-SPH44

VEO-SPH42

VEO-MXH88D is a 8x8 HDMI 2.0 matrix with support for up to 4K/UHD video resolution, 60 Hz and 4:4:4 chroma sampling. It includes 8 analogue audio inputs and 16 analogue and digital audio de-embedding outputs as well as EDID management, a LCD display and an integrated WebGUI that allows to configure and control the unit in a very user friendly way. The HDMI sources can be addressed using the frontal panel's selection buttons or via serial commands, TCP/IP, and IR. It is also HDCP 2.2 and 1.4 compliant. VEO-MXH88D can load and launch up to 8 presets which makes it a very interesting solution for professional applications that require video and audio HDMI signals routing between 4K/UHD sources and displays with a smart control management.

KEY FEATURES

· 8 x HDMI 2.0 inputs which can be independently routed to 8 x HDMI 2.0 outputs

· Supports HDMI 2.0 up to 4K @60Hz, YUV 4:4:4 8-bit, HDR (at 4K @60Hz YUV 4:2:0 10-bit)

· 8 preset storage

· Supports audio formats including Dolby TrueHD, Atmos; DTS-HD Master Audio and DTS:X transmissions

· Analogue audio insertion and extraction on stereo unbalanced Euroblock connectors as well as stereo and surround digital audio extraction on S/PDIF coaxial connector

· Control via front panel and display, IR remote, RS-232 control, IP control and WebGUI

· Advanced EDID management, CEC, ARC

· HDCP 2.2 compliant

· Local 12V DC power supply

VEO-SPH48 splitter for high dynamic range (HDR) formats. Simultaneously displays an Ultra Hi-Definition source on up to eight Ultra HD displays. It includes EDID management features.

VEO-SPH44 splitter for high dynamic range (HDR) formats. Simultaneously displays an Ultra Hi-Definition source on up to four Ultra HD displays.

VEO-SPH42 splitter for high dynamic range (HDR) formats. Simultaneously displays an Ultra Hi-Definition source on up to two Ultra HD displays.

KEY FEATURES

· Supports resolutions up to 4Kx2K(4096x2160@60Hz YUV 4:4:4)

· Three EDID setting modes

· HDCP2.2/1.4 Compliant

· Supports 36 bit Deep Color

· Supports LPCM 7.1, Dolby TrueHD, Dolby digital Plus, and DTS-HD Master Audio

· Supports HDR and 3D contents

· Supports up to 18Gbps video data rate

· Front panel LED indicators for power and signal status

VEO-XTI1CG2 / XRI1CG2

H.265 Full HD over IP Video Extender

Integrable

VEO-XTI1CG2

VEO-XRI1CG2

VEO-XTI1CG2
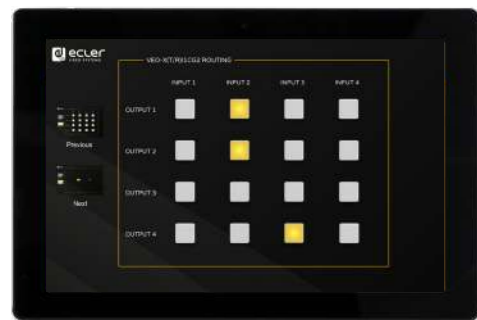
VEO-XRI1CG2

VEO-XTI1CG2 transmitter and **VEO-XRI1CG2** receiver are a H.265 / H.264 over IP set of extenders that allow for HDMI distribution over 1Gb Ethernet networks with up to 1080p@60Hz video support. These devices represent a professional high quality compression and low bandwidth solution aimed for point-to-point, as well as multipoint-to-multipoint scenarios over a single 100m Cat5e/6/7 cable. VEO-XTI1CG2 and VEO-XRI1CG2 are widely suitable for various applications which also require PoE, audio management, video wall compositing or RS-232 control, such as educational, commercial or corporate installations, where flexible and scalable AV systems are in need. Furthermore, this encoder and decoder can be paired with VEO-XCTRLG2 control module for and expanded management experience with in-built WEB configuration interface.

KEY FEATURES

· HDMI 1.4 with video resolution up to 1920x1200p@60Hz 4:4:4

· Signal transmission distance up to 100m over Cat5e/6/7 cable

· Support for unicast over 1Gb unmanaged networks and multicast signal extension over

· 1Gb managed networks

· Support for video wall compositing up to 9 x 9 setups

· Support for audio embedding and extraction

· Support main stream and sub stream encoding modes

· Support for pass through and RS-232, TCP/IP, WebGUI management using VEO-XCTRLG2 controller module

· HDCP 1.4 compliant

· Support for PoE function

· Local 12V DC power supply

FULLHD HDMI PoE

VEO-XCTRLG2

H.265 Full HD over IP Video Extender Controller

Integrable

VEO-XCTRLG2

VEO-XCTRLG2 is a controller module that allows the user to manage and operate VEOXTI1CG2 and VEO-XRI1CG2 video over IP devices in large multipoint to multipoint systems. It mounts two dedicated LAN ports to host independent Control and Video networks. VEO-XCTRLG2 offers a dedicated web interface that features a setup wizard, matrix control, videowall smart creation and operation, drag and drop source selection, video preview and TCP and RS-232 control commands. It supports POE function which makes this advanced managing tool a perfect fit more all sorts of AV over IP installations.

KEY FEATURES

· Easy to create project, control and manage the system

· Setup wizard to easy assign devices to a project including Auto, DHCP and Manual IP configurations

· HTTPS, SSH, SFTP security compatible

· Built-in Web GUI control interface, supporting Drag & Drop operations

· Support image preview

· Support video, audio, RS-232, control and management of the distributed system

· Two dedicated LAN ports to host independent Control and Video networks

· Support TCP and RS-232 port control and third-party central control

· Multiple circuits protection, lightning protection and ESD design

· Reliable system design, ensuring 7*24 hours reliable and stable work

· PoE functionality

FULLHD HDMI PoE

VEO-XTI2L / XRI2L

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

Compatible

VEO-XRI2L

VEO-XTI2L

VEO-XRI2L

VEO-XTI2L

VEO-XTI2L and **VEO-XRI2L** are low latency 4K HDMI extenders over IP. They also provide optional fiber optic connection for extension of 4K signals up to 2Km. This over IP solution is widely suitable for all the applications that require low latency video extension such as real time application or KVM. An intuitive user panel with LEDs display allows to select the stream channel just out of the box, without the need of connecting a PC. The extenders can be power supplied both via PoE or via the included external PSU. Web browser interface, PC tools and third party control protocol are available for advanced settings and advanced control.

KEY FEATURES

· Support Video Wall composition (Max 8x8)

· 4K UHD HDMI over IP/Fiber Extension

· Support point-to-point, point-to-multipoint and multipoint-to-multipoint configurations

· USB2.0 over IP extension for KVM

· Support transmission distances up to 120m over single Cat.5e/6 cable

· Support fiber optic extensions up to 60Km (Single Mode)

· Support up to 4K@60Hz YUV 4:2:0 input and 4K@30Hz outputs

· HDCP 2.2 / HDCP1.4 compliant

· Support Bi-Directional Wide Band IR (38kHz-56kHz) Pass through

· Support RS-232 pass through and Telnet control (EclerNet Manager and third party remote control compatible)

· Include IR remote/ Frontal Panel control of Group ID channel, with LED display to show the Group ID in use

· Support Dolby True HD, DTS-HD Master Audio formats

· Support 3D video formats

· SPDIF 5.1 and L/R analog stereo embedding and de-embedding

· Easy installation over Gigabit, IGMP Snooping, Jumbo Frame compliant LAN Networks

· The extenders can be powered with PoE or with the included external power supply

4K ULTRAHD HDR HDMI PoE

CONTROL VIDEO WITH ECLERNET MANAGER

VEO-XTI2L and **VEO-XRI2L** become native EclerNet products, thanks to the new firmware update 2.0.

This important step allows offering to pro AV installers a unique platform for installation and commissioning of Audio and Video distribution systems.

In addition, by creating UCP panels, it is possible to create fully customizable graphical interfaces for simple and immediate control through WPNETTOUCH controllers or using the different control options offered by EclerNet, such as control via WEB or through Android© / iOS© devices installing the UCP Ecler app.

Therefore, this important innovation opens the doors to the EclerNet platform for all applications where the integration of Audio Video and Control is required. The new software and firmware will add the following features:

· VEO- XTI2L and VEO-XRI2L device discovery

· The software will automatically detect the devices in the network and they will appear in the "Device List"

· VEO- XTI2L and VEO-XRI2L configuration

· Network and Device configuration windows allow to easily change IP address and basic, and advanced device options, including videowall composing options, in order to simplify the commissioning process
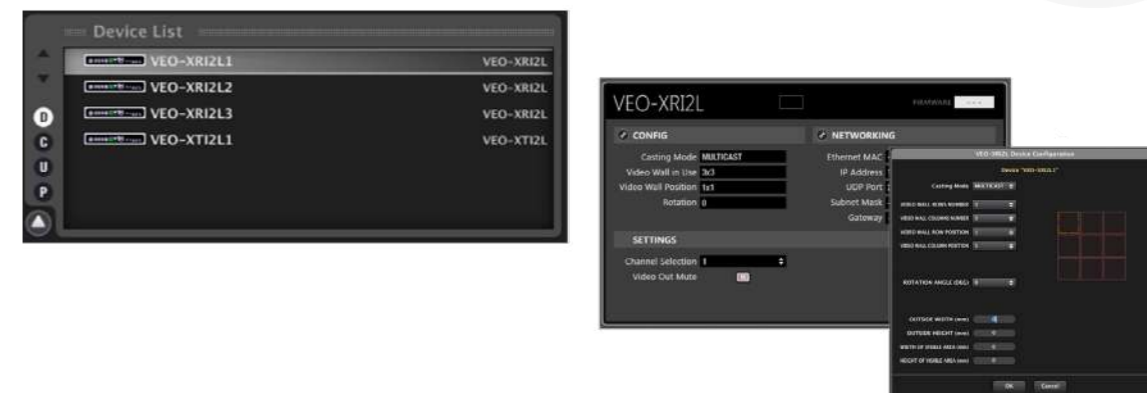
VEO-XWT44E

Selector / Transmitter panel 4K HDBaseT 18Gbps

Integrable

VEO-XWT44E

Projector Screen   Projector with RS-232 control

PoC

Laptop   PC   MacBook
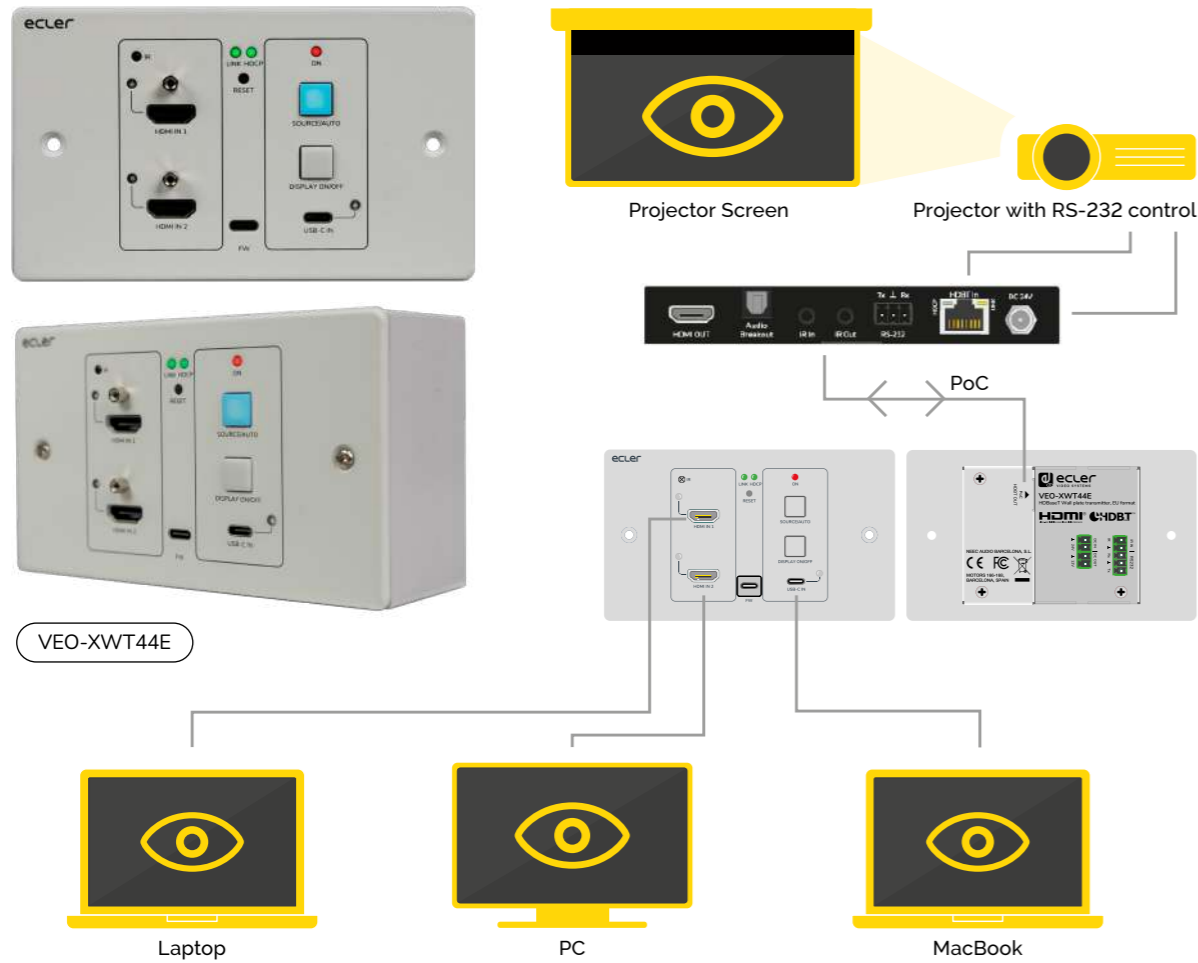
VEO-XWT44E is a HDBaseT transmitter in European 2-gang wallplate format. It allows to extend one 4K video signal up to 40m over a single Cat 5e/6 cable or a FullHD signal up to 70m when connected to VEO-XRT44. It supports real 4K video signals at 60Hz with 4:4:4 YUV chroma subsampling and HDR 10 with a maximum bandwidth of 18Gbps. With bidirectional PoC feature, the transmitter can be powered by the receiver and vice versa. A second front panel button can be used to switch ON/OFF a display via CEC or it can be alternatively programmed by IR learning or RS-232 to send two RS-232 commands, offering a simple and versatile control option.

KEY FEATURES

- 4K HDMI wall-plate transmitter with 2 HDMI IN, and 1 USB-C IN
- Supports HDMI 2.0, 4Kx2K/60Hz/4:4:4
- HDCP 2.2 compliant
- Video source auto-switching
- Video lossless compression for HDBaseT technology, transmission up to 40m@4K and 70m@1080p over CATx cable
- Displays can be turned ON/OFF via CEC & RS-232 commands by 'DISPLAY ON/OFF' button

- RS-232 and IR pass through
- IR learning to control display on/off
- EDID pass through and smart managing
- Two-way PoC Supports CEC pass-through
- Provides LEDs to indicate the current operating status
- Firmware upgrade by Micro-USB port
- ESD protection

4K ULTRAHD HDR 18 Gbps HDMI® USB Type-C HDBT PoH

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VEO-XTT44 / XRT44

Transmitter / Receiver 4K hdbaset 18Gbps

VEO-XRT44   VEO-XTT44

PoC

Remote   Speaker   Laptop

ARC

ARC

HDTV

Ecler **VEO-XTT44** and **VEO-XRT44** are professional HDBaseT transmitter and receiver for HDMI 2.0 extension of High Dynamic Range (HDR) formats. Bidirectional PoH (Power Over HDBaseT) allows to use only one power supply connected to the Transmitter or the Receiver, according to the installation needs. This product represents the ideal solution for residential and commercial applications that include the latest 4K/UHD and HDR sources and displays.

KEY FEATURES

- Supports HDMI 2.0 and the HDMI video resolution up to 4K@60Hz 4:4:4 HDR
- HDCP 2.2 and 1.4 supported
- Extends 4K signals to distances up to 40 meters (131 feet) and 1080P signals to distances up to 70 meters (230 feet) over a single CATx cable
- Supports video resolution up-scaling, the 1080P input can be automatically upgraded to 4K output
- SPDIF out on receiver for source audio de-embedding
- 18Gbps high bandwidth

- Advanced EDID management: multiple built-in EDID settings or customized EDID can be selected
- Test pattern provides a built-in 4K/1080P image for troubleshooting
- Bidirectional IR, RS232 and 24V PoH
- Supports ARC
- Supports CEC pass-through
- Provides LEDs to indicate the current operating status
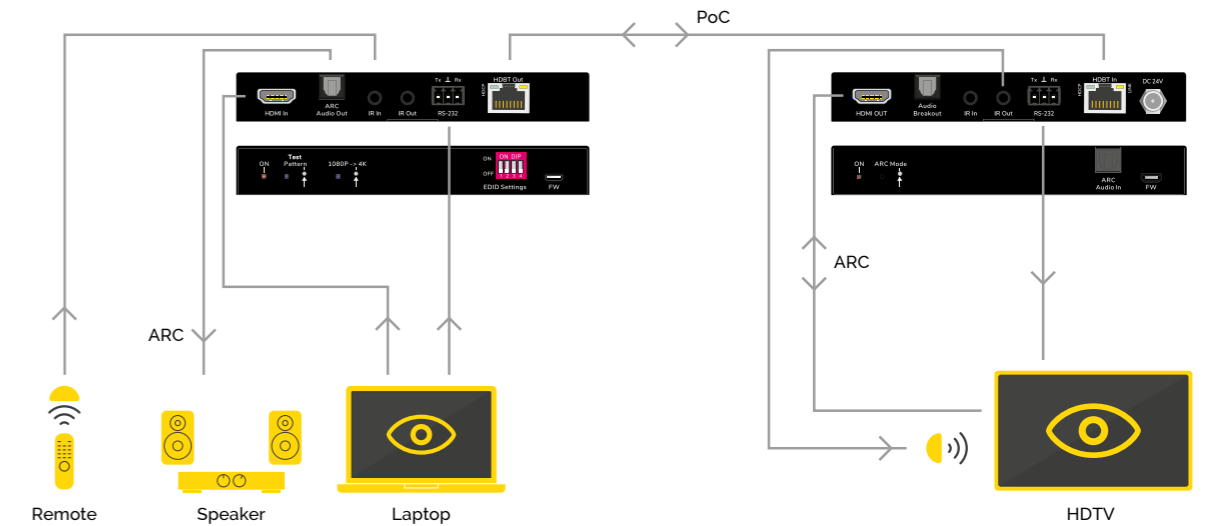- Firmware upgrade by Micro-USB port
- ESD protection

4K ULTRAHD HDR 18 Gbps HDMI® HDBT PoH

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VEO-XPT44A / XPT24
HDMI 2.0 HDBaseT Extender Kit 18Gps with Audio Extraction / 4K HDBaseT Extender KIT 10.2Gbps

VEO-XPS43
4K Single Cat. Extender KIT

VEO-XPT44A

VEO-XPT24

VEO-XPS43

VEO-XPT44A is a professional HDBaseT extension kit that includes a transmitter and a receiver. It 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.

VEO-XPT24 allows to extend one 4K video signal up to 40m over a single Cat.5e/6 cable or a Full HD signal up to 70m. With the added features of RS-232 and bidirectional IR, this is the perfect solution for extending a HDMI 1.4 video signal and control signals.

KEY FEATURES
VEO-XPT44A:
· Complete HDBaseT extender kit, no settings needed
· 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 RS-232 pass-through
· Bi-directional 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
· ESD protection

VEO-XPT24:
· Complete extender kit, no settings needed
· Full HD support: 1080p@60Hz
· 4K/UHD support: up to 4096x2160@30Hz (or 60Hz with YUV 4:2:0)
· Transmission distances up to 70 meters under 1080p and 40 meters under 4K
· Bi-directional IR and RS-232 pass-through
· Use single UTP/STP category cable (CAT.5e/6/7) to substitute HDMI cable to achieve long distance transmission
· UTP/STP cable termination follows the standard of IEEE-568B
· POC (RX powered by TX)
· HDCP2.2/1.4 compliant
· Mounting ears supplied

VEO-XPS43 is a HDMI extender kit that allows to extend 4K/UHD video signals up to 30m of distance and Full HD signals up to 60m with zero-latency, over a single Cat. 6 cable or higher. It includes EDID management features and IR pass through making it a simple and cost effective solution for professional extension applications.

KEY FEATURES
· Complete HDMI extender kit for HDMI Audio Video and IR signals extension over single Cat.6 cable or higher
· Supports up to 4K@30Hz video resolution
· Compact design for easy and flexible installation
· Allows for cascading via additional HDMI loop out port
· Supports EDID copying from receiver display or loop out display
· Support Power over cable function (receiver is powered by transmitter)
· HDCP compliant

WPNETTOUCH

User Control Panels (UPC) Touch Screen Control Device

Compatible

WPNETTOUCH

ETHERNET SWITCH

ECLER AUDIO SYSTEM

ECLER VIDEO SYSTEM
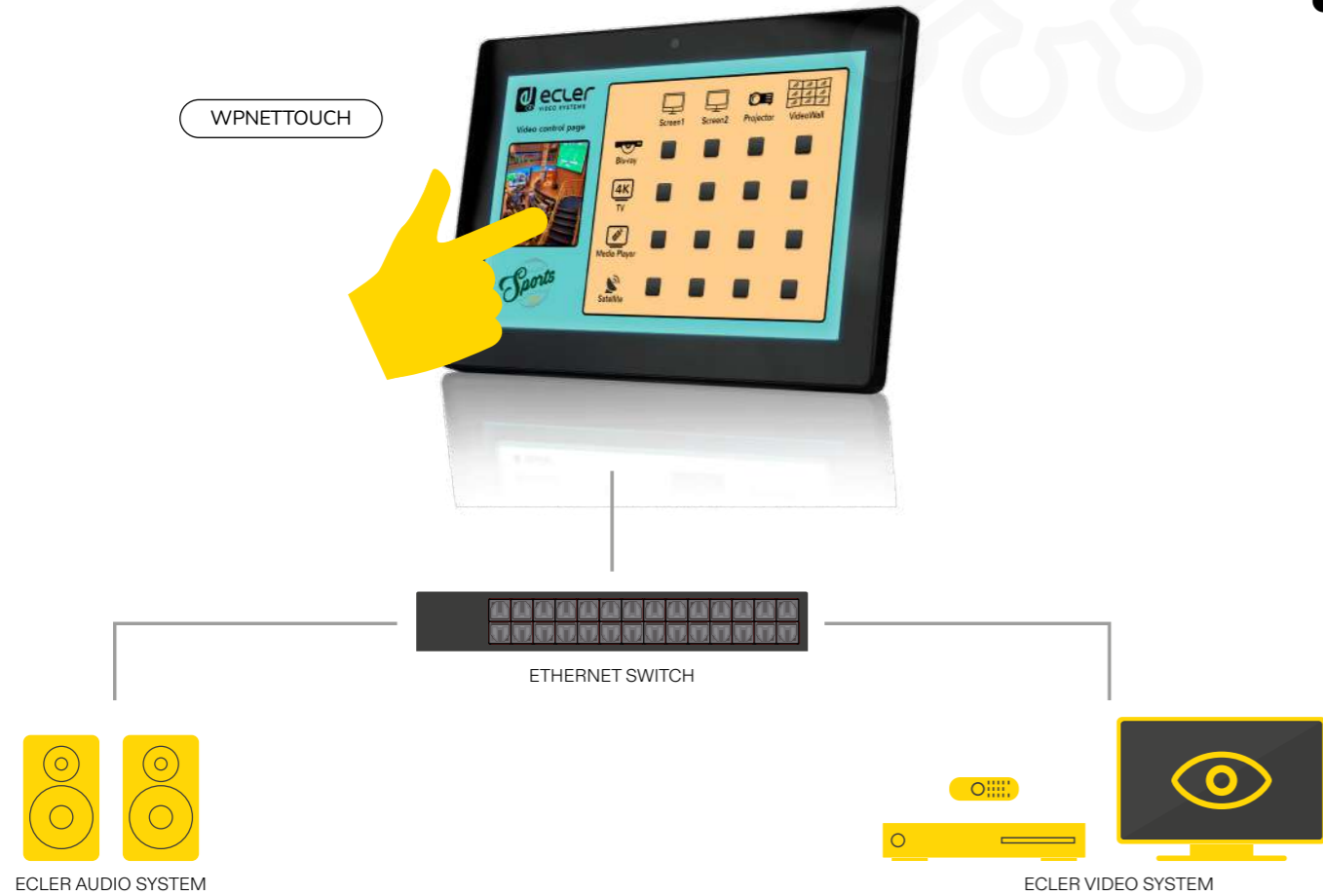
WPNETTOUCH is a 10" capacitive TFT tactile panel compatible with all the VEO Series networked products and all the EclerNet native products. When including a WPNETTOUCH in a VEO Series or EclerNet installation it is not necessary to use a computer to manage connected devices. Each WPNETTOUCH unit could be configured to work as a single zone control panel or as a global multi-zone controller. It allows executing customized User Control Panels that are able to control volume, sound source selection, video souces selection, presets recovery, communication via TCP/UDP with external devices, etc.
Is fully compatible as a UCP server for third party devices (iOS©,Android©, Windows©, etc.).

ECLER VIDEO EQUIPMENT CONTROL: EclerNet Manager allows for the creation of UCP's to control EclerNet native devices, along with other equipment fitted with third party control protocol (TCP/IP, UDP, RS-232 through Ethernet adaptor to RS-232). The UCP can then control Ecler Audio, VEO series Ecler Video and other third party apparatuses by using WPNETTOUCH unit as shown in the image, Ecler UCP APP on Android©/iOS© devices or by using a web browser.

KEY FEATURES
· 10" Capacitive Touch Panel for fully customized control surfaces
· EclerNet, VEO Series and third party devices remote control compatible
· UCP client/server
· POE and local power supply (multi-plug universal PSU included)
· VESA75 standard mounting accesory included

ETH232AD

ETH232AD

SWITCH

WPNETTOUCH

ETH232AD

VEO-SWH44

MIRRORED LOCAL MONITOR

HDMI SOURCE 1

HDMI SOURCE 2

HDMI SOURCE 3
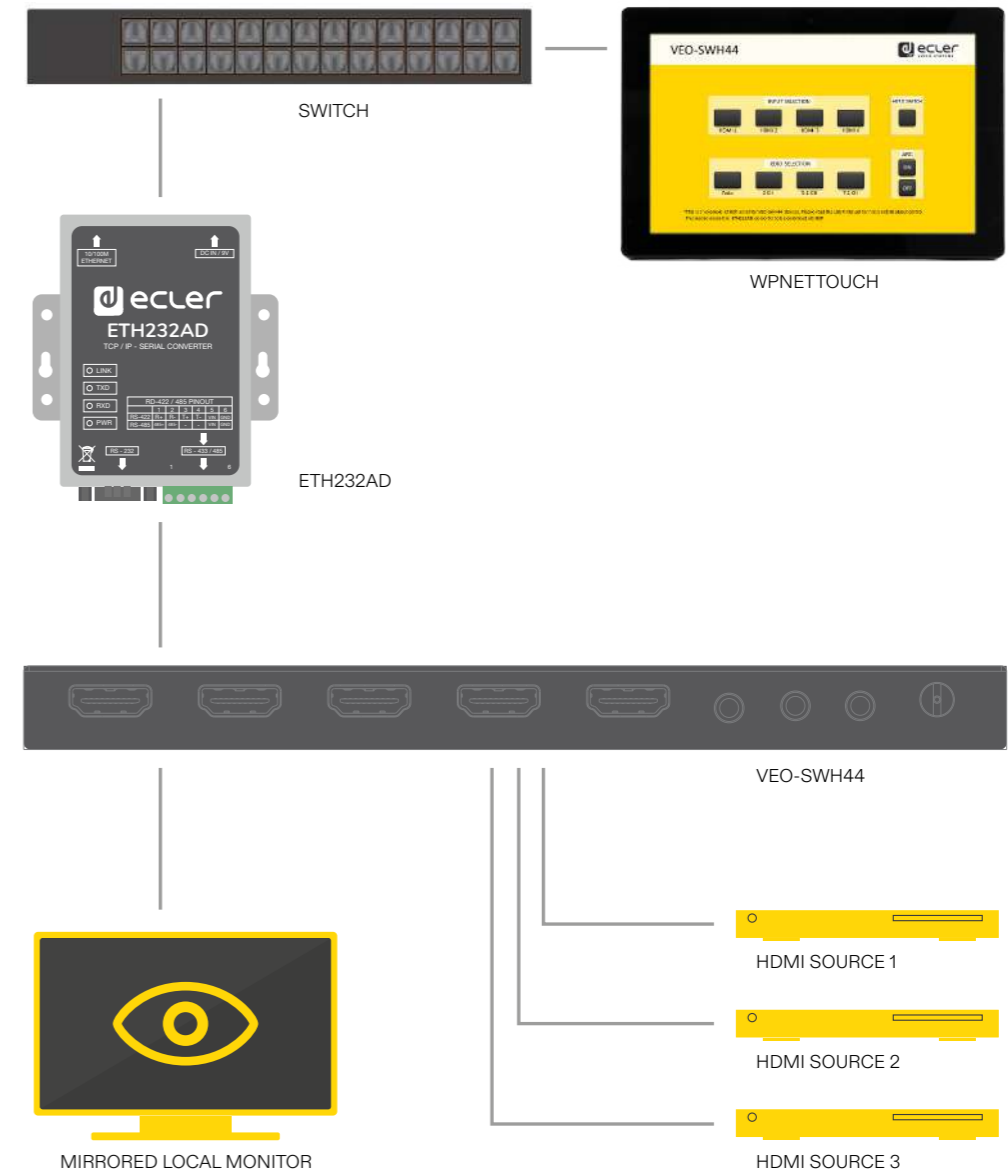
ETH232AD is Ecler's new Ethernet-RS232 interface that allows to control devices featuring serial control, through the EclerNet platform using for example a WPNETTOUCH or the multiple control options offered by the platform, such as control via WEB or through an Android©, iOS© devices through the UCP Ecler app.

With EclerNet Manager its possible to create customized graphical interfaces to send commands to the ETH232AD, which will be responsible for the translation of the network protocol to the RS-232 protocol.

This way, using a WPNETTOUCH you can control audio devices such as a CA series amplifier, video devices such as a VEO series selector or any third party device with RS-232 or RS-485 control.

VEO-AXS4P / AXS4

HDMI 2.0 Audio De-Embebedor 18Gbps

VEO-AXS4P

VEO-AXS4

VEO-AXS4P is a professional HDMI audio extractor that allows to de-embed audio from a HDMI signal, including audio from 4K sources. VEO-AXS4P provides uncompressed LPCM analogue stereo signal through RCA and Phoenix balanced output as well as Dolby Digital and DTS multichannel signals through the coaxial S/PDIF digital output.

VEO-AXS4 allows to extract audio signals from HDMI signals up to 4K. It provides a stereo analog output on RCA connectors or a 5.1 digital output on Toslink connector, selectable through the onboard switch.

KEY FEATURES

VEO-AXS2P:
· Audio EDID Settings: Auto/2.0 CH/5.1CH
· Extracts the digital HDMI audio signal from the HDMI input to 2channel analog stereo output or to 5.1 S/PDIF output
· Signal amplification and equalization to extend HDMI inputand output ports up to 10 meters (33 feet)
· Supports LPCM, Dolby Digital and DTS
· Supports resolution up to 4K @ 60Hz YUV 4:4:4
· Supports deep color up to 36bit
· Supports sample rate up to 192 KHz and resolutions up to 24 bit
· HDCP2.2/1.4 Compliant
· Supports CEC

VEO-AXS4:
· Extracts the digital HDMI audio signal from the HDMI input to analog stereo output or to 5.1 S/PDIF output
· Audio EDID Settings: Auto/2.0 CH/5.1CH
· Signal amplification and equalization to extend HDMI input and output ports up to 10 meters (33 feet)
· Supports LPCM, Dolby Digital and DTS
· Supports resolution up to 4K@60Hz YUV4:4:4
· Supports deep color up to 36bit
· Supports samplerate up to 192 kHz and resolutions up to 24 bit
· HDCP2.2/1.4 Compliant
· Supports CEC
· Supports up to 18Gbps video data rate

VEO-AEXS4 / DACS4

HDMI 2.0 Audio De-Embedder and Embedder 18Gbps / DAC Converter and ARC Extractor

VEO-AEXS4

VEO-DACS4

VEO-AEXS4 allows to extract and embed audio signals from the HDMI 2.0 input with support up to 4K video. It includes an unbalanced stereo analogue input and output with Euroblock connectors and a digital S/PDIF output with a coaxial connector. Function mode is selectable through the onboard dip-switch.

VEO-DACS4 allows converting digital audio signals from HDMI ARC and S/PDIF optical or coaxial inputs to a stereo analogue signal. In addition it can be used to convert digital S/PDIF audio coming from the optical input to coaxial and vice versa. It provides a stereo unbalanced analogue output on Euroblock and RCA connectors. Function mode is selectable through the onboard switch.

KEY FEATURES

VEO-AEXS4:
· Extracts audio stream from HDMI and converts it to analog stereo or 5.1 digital audio
· Embeds a stereo analogue input into HDMI signal replacing the original sound
· HDMI 2.0 video input supporting resolution up to 4K@60Hz, YUV 4:4:4, 18Gbps
· Supports 3D, HDR
· HDCP2.2/1.4 compliant

VEO-DACS4:
· HDMI ARC, S/PDIF optical and coaxial inputs
· Includes stereo analogue balanced output on Euroblock connector, stereo analogue unbalanced output on RCA connector and digital S/PDIF output on optical and coaxial connectors
· Frontal switch for input source selection
· Supports DTS, Dolby Digital and PCM up 5.1 channels

VEO-CAP4U
Professional USB Video Capture

VEO-CAP4U

VEO-CAP4U

VEO-CAP4U is a plug-n-play HDMI to USB video capture device aimed for online media creators, educational and corporate market etc. that require a professional solution for capturing and streaming their audiovisual content. This product is designed to easily record video and audio from a HDMI source with up to 4K/UHD support, and send it with Full HD video resolution to a PC / MAC over USB 3.0 without the need of an external power supply or additional installation drivers. A balanced line input automatically mixes an external sound source into the main audio stream and it also includes an audio de-embedding feature for extracting the HDMI input's audio data into the stereo unbalanced output.

KEY FEATURES
· USB audio and video capture from HDMI sources
· HDMI 2.0 pass-through video output with support up to 4K@60Hz, 4:4:4, HDR10
· USB 3.0 capture resolution up to Full HD (1080p@60Hz support)
· UAC, UVC compliant with no driver required
· Compatible with multiple third-party applications on Windows and Mac OS X
· Includes a mono balanced line input and a stereo unbalanced line output
· Powered from USB port, no external power supply required

HUDDLE ROOM AV Installation
Using VEO-CAP4U
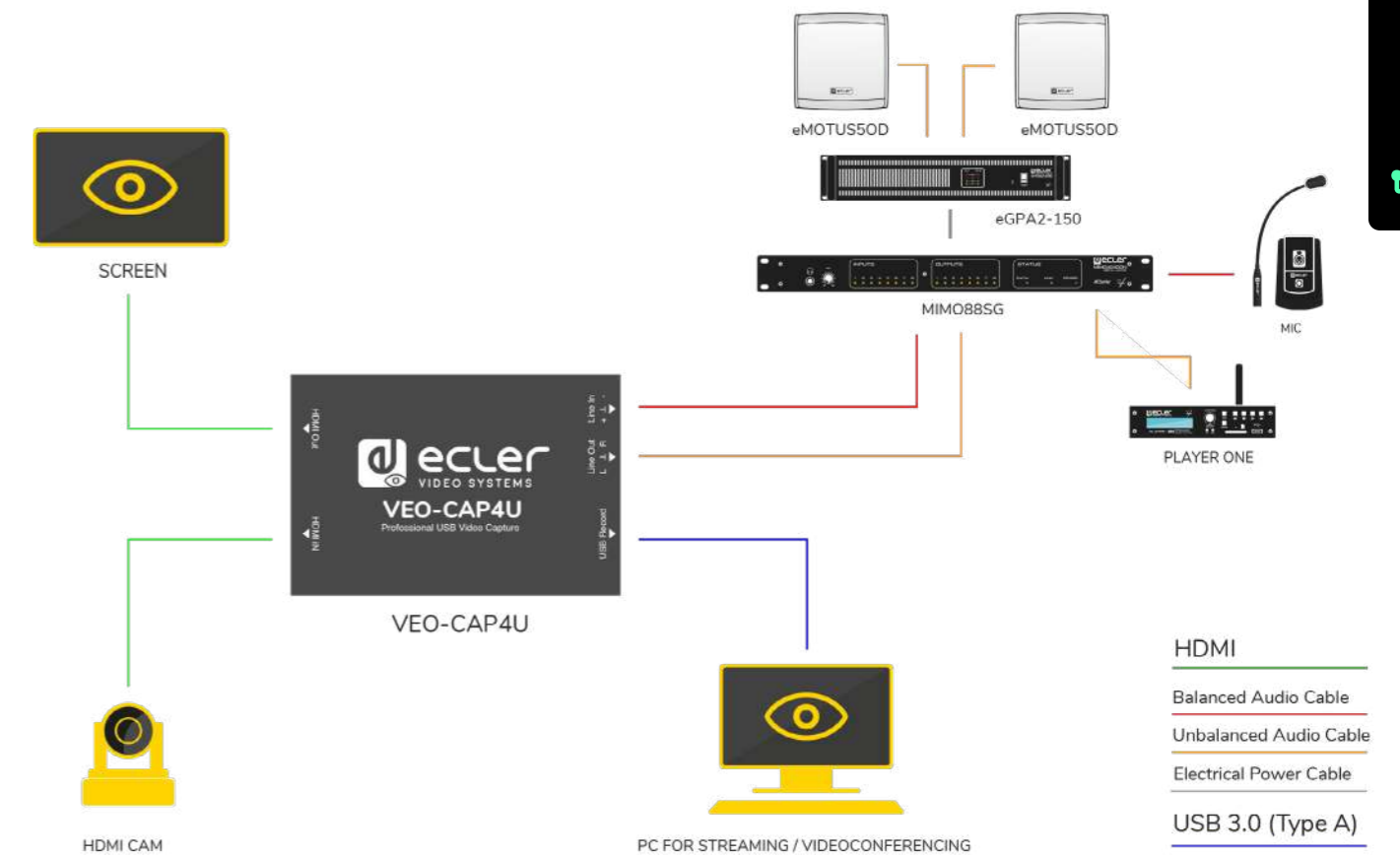
AV MULTIPURPOSE ROOM
Using VEO-CAP4U & VEO-SWM44
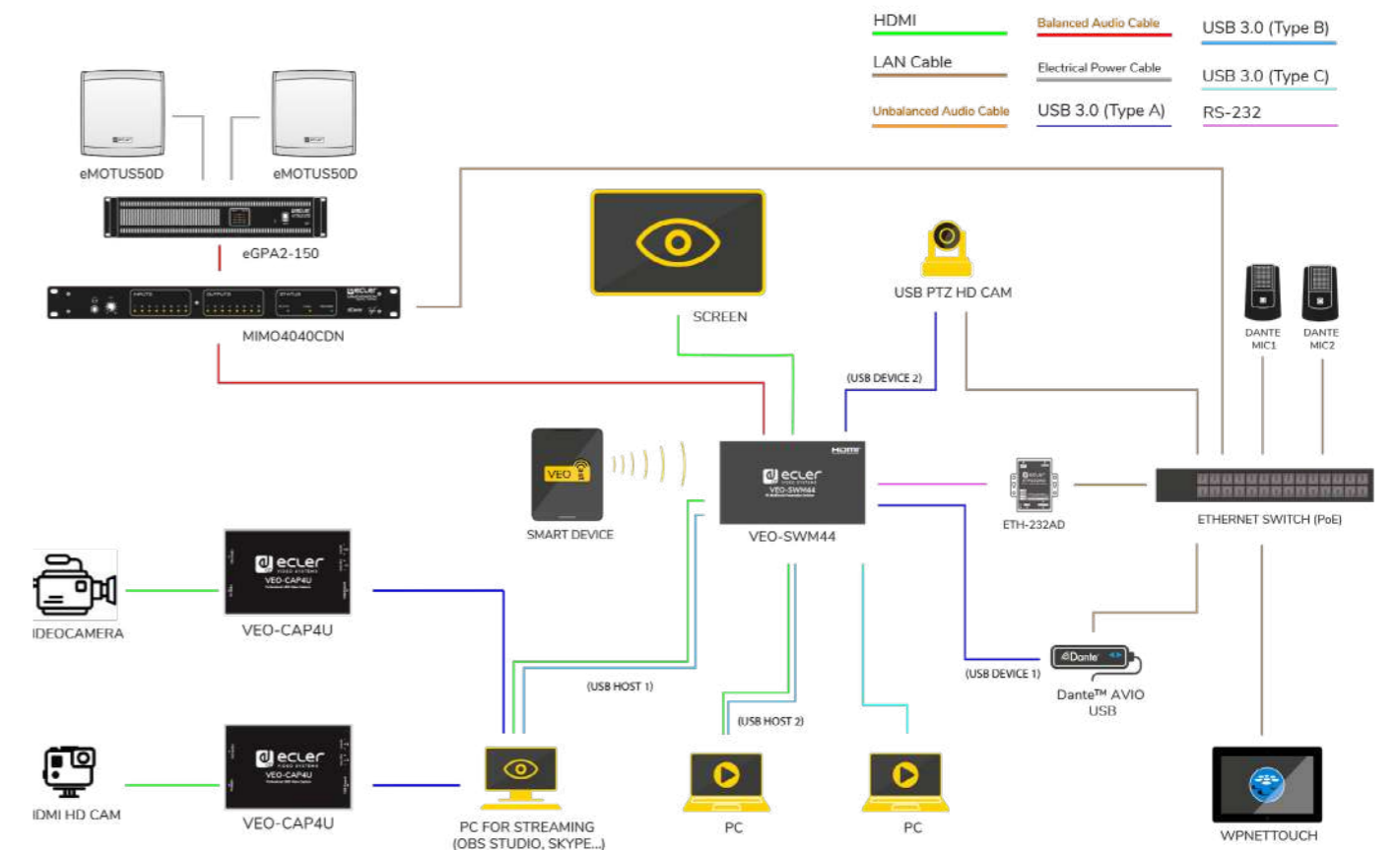
VEO-CH200-201-202-203 205-208-210

HDMI 2.0 Cable

VEO-RACK19

19" Rack Mounting Shelf

(VEO-CH200-201-202-203-205-208-210)

(VEO-RACK19)

This professional HDMI 2.0 cable family is specially designed to complete Ecler video products line. It includes 7 standard lengths of 0,5m, 1 m, 2 m,3m, 5 m 8m y 10 m. These high quality cables are the perfect solution for professional installations, ensuring reliable and seamless HDMI 2.0 connections up to 18Gbps. All cables support HDMI, Ethernet, Audio and Control (ARC and CEC) signals.

KEY FEATURES

· Maximum supported HDMI clock: 600 MHz

· Supported TMDS data rate: 18 Gbit/s

· Maximum supported color depth: 48 bit/px

· Maximum supported resolution: 4096x2160p60

· HEAC (HDMI Ethernet Audio Control)

Ecler **VEO-RACK19** is a universal rack mounting support compatible with standard 19" racks. It allows to rack mount multiple devices with different format factor like VEO serie devices.

KEY FEATURES

· Universal shelf for rack mounting all VEO products

· Products can be mounted in the front or in the rear side of the shelf

· Includes 12 x M3 screws with nuts and Dual Lock™ tape for devices not provided of mounting ears

· Central holes for cable ties

VEO Specifications Table

	SWITCHERS			MATRIXES	
	VEO-SWH44	VEO-SWM44	VEO-SWC44	VEO-MXH44D	VEO-MXH88D
INPUTS					
HDMI	4	2	-	4	8
VGA	-	-	-	-	-
DisplayPort	-	-	-	-	-
USB-C Video	-	1	-	-	-
HDBaseT	-	Yes	-	-	-
H.264 Streaming	-	-	-	-	-
Fiber Port	-	-	-	-	-
USB Control	-	Yes	Yes	-	-
RS232	1	1	1	1	1
IR	1	-	-	1	1
SPDIF	-	-	-	-	-
Stereo Analogue Audio	-	-	-	-	8
Full HD Support	Yes	Yes	Yes	Yes	Yes
4K@30 Hz Support	Yes	-	-	Yes	Yes
4K@60 Hz Support	Yes	-	-	Yes	Yes
OUTPUTS					
HDMI	1	1	1	4	8
HDBaseT	-	-	-	-	-
H.264 Streaming	-	-	-	-	-
Fiber Port	-	-	-	-	-
USB Control	-	Yes	Yes	-	-
RS232	1	-	-	1	1
IR	-	-	-	1	1
SPDIF	Optical	-	-	4 (Coaxial)	8 (Coaxial)
Stereo Analogue Audio	1	1	1	8	8
Full HD Support	Yes	Yes	Yes	Yes	Yes
4K@30 Hz Support	Yes	Yes	Yes	Yes	Yes
4K@60 Hz Support	Yes	Yes	Yes	Yes	Yes
FEATURES					
Videowall	-	-	-	-	-
Video Scaler	-	-	-	-	-
EDID Management	Yes	Yes	Yes	Yes	Yes
HDR	HDR10 / Dolby Vision	HDR10 / Dolby Vision	-	HDR10 / Dolby Vision	HDR10 / Dolby Vision
HDCP Support	Yes	Yes	-	Yes	Yes
USB AV Capture	-	-	-	-	-
CEC	Yes	Yes	-	Yes	-
Multichannel Audio	Dolby Atmos / DTS X	Dolby Atmos / DTS X	Dolby Atmos / DTS X	Dolby Atmos / DTS X	Dolby Atmos / DTS X
Audio Embedding	-	-	-	-	LPCM 2.0
Audio Extraction	LPCM 2.0, SPDIF	LPCM 2.0	LPCM 2.0	LPCM 2.0, SPDIF	LPCM 2.0
ARC	Yes	-	-	-	-
RS232 Extension	-	-	-	-	-
IR Extension	-	-	-	Yes	-
Audio Extension	-	-	-	-	-
KVM Extension	-	Yes	Yes	-	-
Cat.6a/7 Extension	-	-	-	-	-
PoE, PoH, PoC	-	-	Yes	-	-
USB Power	-	-	-	-	-
CONTROL OPTIONS					
Web	-	Yes	Yes	Yes	Yes
Telnet	-	-	-	Yes	Yes
RS232	Yes	Yes	Yes	Yes	Yes
IR	Yes	-	-	Yes	Yes
GPI	-	-	-	-	-
EclerNet Manager	Integrable (ETH232AD)	Integrable (ETH232AD)	Integrable	Integrable	Integrable
DIMENSIONS					
Dimensions (HxLxW)	12x180x85mm / 0,47"x7,09"x1,77"	44x220x150mm / 1,76"x8,66"x5,90"	41x220x120mm / 1,61"x8,66"x4,72"	34x216x128mm / 1,34"x8,50"x5,04"	44x482x220mm / 1,73"x18,97"x8,66"
Weight	300g / 0.66 lb	1250g / 2,75 lb	1000g / 2,20 lb	470g / 1,04 lb	2800g / 6,17 lb

	SPLITTERS			VIDEO DISTRIBUTION OVER IP			
	VEO-SPH48	VEO-SPH44	VEO-SPH42	VEO-XTI1CG2	VEO-XRI1CG2	VEO-XTI2L	VEO-XRI2L
INPUTS							
HDMI	1	1	1	1	-	1	-
VGA	-	-	-	-	-	-	-
DisplayPort	-	-	-	-	-	-	-
USB-C Video	-	-	-	-	-	-	-
HDBaseT	-	-	-	-	-	-	-
H.264 Streaming	-	-	-	-	Yes	-	-
Fiber Port	-	-	-	-	-	-	1
USB Control	-	-	-	-	-	Yes	Yes
RS232	-	-	-	1	1	1	1
IR	-	-	-	-	-	2	2
SPDIF	-	-	-	-	-	-	-
Stereo Analogue Audio	-	-	-	1	1	1	-
Full HD Support	Yes	Yes	Yes	Yes	Yes	Yes	Yes
4K@30 Hz Support	Yes	Yes	Yes	-	-	Yes	Yes
4K@60 Hz Support	Yes	Yes	Yes	-	-	-	-
OUTPUTS							
HDMI	8	4	2	-	1	-	1
HDBaseT	-	-	-	-	-	-	-
H.264 Streaming	-	-	-	-	Yes	-	-
Fiber Port	-	-	-	-	-	1	-
USB Control	-	-	-	-	-	Yes	Yes
RS232	-	-	-	1	1	1	1
IR	-	-	-	-	-	1	1
SPDIF	-	-	-	-	-	-	Optical
Stereo Analogue Audio	-	-	-	1	1	-	1
Full HD Support	Yes	Yes	Yes	Yes	Yes	Yes	Yes
4K@30 Hz Support	Yes	Yes	Yes	-	-	Yes	Yes
4K@60 Hz Support	Yes	Yes	Yes	-	-	-	-
FEATURES							
Videowall	-	-	-	Yes	Yes	Yes	Yes
Video Scaler	-	-	-	Downscaling	Downscaling	Yes	Yes
EDID Management	Yes	Yes	Yes	-	-	Yes	Yes
HDR	HDR10 / Dolby Vision	HDR10 / Dolby Vision	HDR10 / Dolby Vision	-	-	-	-
HDCP Support	Yes	Yes	Yes	Yes	Yes	Yes	Yes
USB AV Capture	-	-	-	-	-	-	-
CEC	-	-	-	-	-	-	-
Multichannel Audio	Dolby Atmos / DTS X	Dolby Atmos / DTS X	Dolby Atmos / DTS X	Dolby True HD / DTS Master Audio	Dolby True HD / DTS Master Audio	Dolby True HD / DTS Master Audio	Dolby True HD / DTS Master Audio
Audio Embedding	-	-	-	LPCM 2.0	-	LPCM 2.0	-
Audio Extraction	-	-	-	LPCM 2.0	LPCM 2.0	-	LPCM 2.0, SPDIF
ARC	-	-	-	-	-	-	-
RS232 Extension	-	-	-	Yes	Yes	Yes	Yes
IR Extension	-	-	-	-	-	Yes	Yes
Audio Extension	-	-	-	-	-	Yes	Yes
KVM Extension	-	-	-	-	-	Yes	Yes
Cat.6a/7 Extension	-	-	-	120m@FullHD	120m@FullHD	100m/60Km@4K30	100m/60Km@4K30
PoE, PoH, PoC	-	-	-	Yes	Yes	Yes	Yes
USB Power	-	-	Yes	-	-	-	-
CONTROL OPTIONS							
Web	-	-	-	Yes	Yes	Yes	Yes
Telnet	-	-	-	Yes	Yes	Yes	Yes
RS232	-	-	-	-	-	-	-
IR	-	-	-	-	-	Yes	Yes
GPI	-	-	-	-	-	-	-
EclerNet Manager	-	-	-	Integrable	Integrable	Compatible	Compatible
DIMENSIONS							
Dimensions (HxLxW)	17x248x110mm / 0,67"x9,76"x4,33"	17x150x65mm / 0,67"x5,90"x2,56"	15x94x61mm / 0,59"x3,70"x2,40"	21,5x95x120mm / 0,85"x3,74"x4,72"	21,5x95x120mm / 0,85"x3,74"x4,72"	30x160x104mm / 1,18"x6,30"x4,09"	30x160x104mm / 1,18"x6,30"x4,09"
Weight	610g / 1,34 lb	245g / 0,54 lb	120g / 0,26 lb	74g / 0,16 lb	74g / 0,16 lb	470g / 1,04 lb	470g / 1,04 lb

VEO Specifications Table

	4K HDBaseT EXTENDERS				
	VEO-XPT44	VEO-XPT24	VEO-XTT44	VEO-XRT44	VEO-XWT44E
INPUTS					
HDMI	1 (TX)	1 (TX)	1	-	2
VGA	-	-	-	-	-
DisplayPort	-	-	-	-	-
USB-C Video	-	-	-	-	1
HDBaseT	1 (RX)	1 (RX)	-	1	-
H.264 Streaming	-	-	-	-	-
Fiber Port	-	-	-	-	-
USB Control	-	-	-	-	-
RS232	1	1	1	1	1
IR	1	1	1	1	1
SPDIF	-	-	-	Optical	-
Stereo Analogue Audio	-	-	-	-	-
Full HD Support	Yes	Yes	Yes	Yes	Yes
4K@30 Hz Support	Yes	Yes	Yes	Yes	Yes
4K@60 Hz Support	Yes	-	Yes	Yes	Yes
OUTPUTS					
HDMI	1 (TX) / 2 (RX)	1 (RX)	-	1	-
HDBaseT	1 (TX)	1 (TX)	1	-	1
H.264 Streaming	-	-	-	-	-
Fiber Port	-	-	-	-	-
USB Control	-	-	-	-	-
RS232	1	1	1	1	1
IR	1	1	1	1	-
SPDIF	-	-	Optical	Optical	-
Stereo Analogue Audio	-	-	-	-	-
Full HD Support	Yes	Yes	Yes	Yes	Yes
4K@30 Hz Support	Yes	Yes	Yes	Yes	Yes
4K@60 Hz Support	Yes	-	Yes	Yes	Yes
FEATURES					
Videowall	-	-	-	-	-
Video Scaler	-	-	Yes	-	-
EDID Management	Yes	Yes	Yes	Yes	Yes
HDR	HDR10	HDR10	HDR10	HDR10	HDR10
HDCP Support	Yes	Yes	Yes	Yes	Yes
USB AV Capture	-	-	-	-	-
CEC	-	Yes	Yes	Yes	Yes
Multichannel Audio	Dolby Atmos / DTS X	Dolby True HD / DTS Master Audio	Dolby Atmos / DTS X	Dolby Atmos / DTS X	Dolby Atmos / DTS X
Audio Embedding	-	-	SPDIF	SPDIF	-
Audio Extraction	-	-	SPDIF	SPDIF	-
ARC	-	-	-	Yes	-
RS232 Extension	Yes	Yes	Yes	Yes	Yes
IR Extension	Yes	Yes	Yes	Yes	Yes
Audio Extension	-	-	Yes	Yes	-
KVM Extension	-	-	-	-	-
Cat.6a/7 Extension	40m@4K60 | 70m@ FullHD	40m@4K30 | 70m@ FullHD	40m@4K60 | 70m@ FullHD	40m@4K60 | 70m@ FullHD	40m@4K60 | 70m@ FullHD
PoE, PoH, PoC	Bidirectional	RX powered by TX	Bidirectional	Bidirectional	Bidirectional
USB Power	-	-	-	-	-
CONTROL OPTIONS					
Web	-	-	-	-	-
Telnet	-	-	-	-	-
RS232	-	-	-	-	Yes
IR	-	-	-	-	Yes
GPI	-	-	-	-	-
EclerNet Manager	-	-	-	-	Integrable (ETH232AD)
DIMENSIONS					
Dimensions (HxLxW)	20x140x67mm / 0,79"x5,51"x2,64"	25x105x71mm / 0,98"x4,13"x2,79"	20x140x67mm / 0,79"x5,51"x2,64"	20x140x67mm / 0,79"x5,51"x2,64"	20x140x67mm / 0,79"x5,51"x2,64"
Weight	700g (pair) / 1,54 lb (pair)	700g (pair) / 1,54lb (pair)	700g (pair) / 1,54 lb (pair)	700g (pair) / 1,54 lb (pair)	700g (pair) / 1,54 lb (pair)

	HDMI EXTENDERS	AUDIO EXTRACTOR				AV INTERFACES	ACCESSORIES
	VEO-XPS43	VEO-AXS4	VEO-AEXS4	VEO-AXS4P	VEO-DACS4	VEO-CAP4U	VEO-RACK19
INPUTS							
HDMI	1	1	1	1	1	1	-
VGA	-	-	-	-	-	-	-
DisplayPort	-	-	-	-	-	-	-
USB-C Video	-	-	-	-	-	-	-
HDBaseT	-	-	-	-	-	-	-
H.264 Streaming	-	-	-	-	-	-	-
Fiber Port	-	-	-	-	-	-	-
USB Control	-	-	-	-	-	-	-
RS232	-	-	-	-	-	-	-
IR	1	-	-	-	-	-	-
SPDIF	-	-	-	-	-	-	-
Stereo Analogue Audio	-	-	1	-	Optical / Coax	1 (Joint Stereo)	-
Full HD Support	Yes	Yes	Yes	Yes	-	Yes	-
4K@30 Hz Support	Yes	Yes	Yes	Yes	-	Yes	-
4K@60 Hz Support	-	Yes	Yes	Yes	-	Yes	-
OUTPUTS							
HDMI	1 (TX) / 1 (RX)	1	1	1	-	1	-
HDBaseT	-	-	-	-	-	-	-
H.264 Streaming	-	-	-	-	-	-	-
Fiber Port	-	-	-	-	-	-	-
USB Control	-	-	-	-	-	-	-
RS232	-	-	-	-	-	-	-
IR	1	-	-	-	-	-	-
SPDIF	-	Optical	Coax	Coax	Optical / Coax	-	-
Stereo Analogue Audio	-	1	1	2	2	1	-
Full HD Support	Yes	Yes	Yes	Yes	-	Yes	-
4K@30 Hz Support	Yes	Yes	Yes	Yes	-	Yes (Loop Out)	-
4K@60 Hz Support	-	Yes	Yes	Yes	-	Yes (Loop Out)	-
FEATURES							
Videowall	-	-	-	-	-	-	-
Video Scaler	-	-	-	-	-	-	-
EDID Management	Yes	-	-	-	-	-	-
HDR	-	HDR10	HDR10	HDR10	-	HDR10	-
HDCP Support	Yes	Yes	Yes	Yes	-	Yes	-
USB AV Capture	-	-	-	-	-	FullHD	-
CEC	-	Yes	-	Yes	-	-	-
Multichannel Audio	Dolby True HD / DTS Master Audio	Dolby Atmos / DTS X	Dolby Atmos / DTS X	Dolby Atmos / DTS X	Dolby True HD / DTS Master Audio	Dolby Atmos / DTS X	-
Audio Embedding	-	-	-	-	-	LPCM 2.0	-
Audio Extraction	-	LPCM 2.0, SPDIF	LPCM 2.0, SPDIF	LPCM 2.0, SPDIF	LPCM 2.0. SPDIF	LPCM 2.0	-
ARC	-	-	-	-	Yes	-	-
RS232 Extension	-	-	-	-	-	-	-
IR Extension	Yes	-	-	-	-	-	-
Audio Extension	-	-	-	-	-	-	-
KVM Extension	-	-	-	-	-	-	-
Cat.6a/7 Extension	30m@4K60 | 60m@ FullHD	-	-	-	-	-	-
PoE, PoH, PoC	Rx powered by TX	-	-	-	-	-	-
USB Power	-	-	-	-	-	Yes	-
CONTROL OPTIONS							
Web	-	-	-	-	-	-	-
Telnet	-	-	-	-	-	-	-
RS232	-	-	-	-	-	-	-
IR	-	-	-	-	-	-	-
GPI	-	-	-	-	-	-	-
EclerNet Manager	-	-	-	-	-	-	-
DIMENSIONS							
Dimensions (HxLxW)	16,5x79,5x69mm / 0,65"x3,13"x2,71"	29x105x65mm / 1,14"x4,13"x2,56"	28,3x104,4x89mm / 1,11"x4,11"x3,5"	21,5x129x77mm / 0,85"x5,08"x3,03"	21x47,6x96,2mm / 0,83"x1,87"x3,79"	12x102x68mm / 0,59"x4,02"x2,68"	88x366x483mm / 0,47"x7,09"x1,77"
Weight	262g (pair) / 0.58 lb(pair)	175g / 0,39 lb	155g / 0,34 lb	244g / 0,538 lb	140g / 0,309 lb	75g / 0.165lb	2.55 kg / 5.62 lb