# VEO-SWC44

## SWITCHERS & MATRIXES

*Wireless Conferencing and Presentation Switcher*

## PRODUCT OVERVIEW

**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 VEO-SWC44TH or VEO-SWC44TU wireless transmitters, 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. It can show up to 4 simultaneous devices in a multi-view layout. Adds smart EDID management and supports HDCP 2.2 as well as PoE powering supply.

## 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 HDMI VEO-SWC44TH or USB Type-C VEO-SWC44TU wireless transmitters 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 screen page.
- Support wireless touchback for interactive screen as well as whiteboard and live annotation tool.
- Support for PoE.
- Local 12V DC power supply.

## APPLICATIONS

- Education
- Corporate
- Hospitality

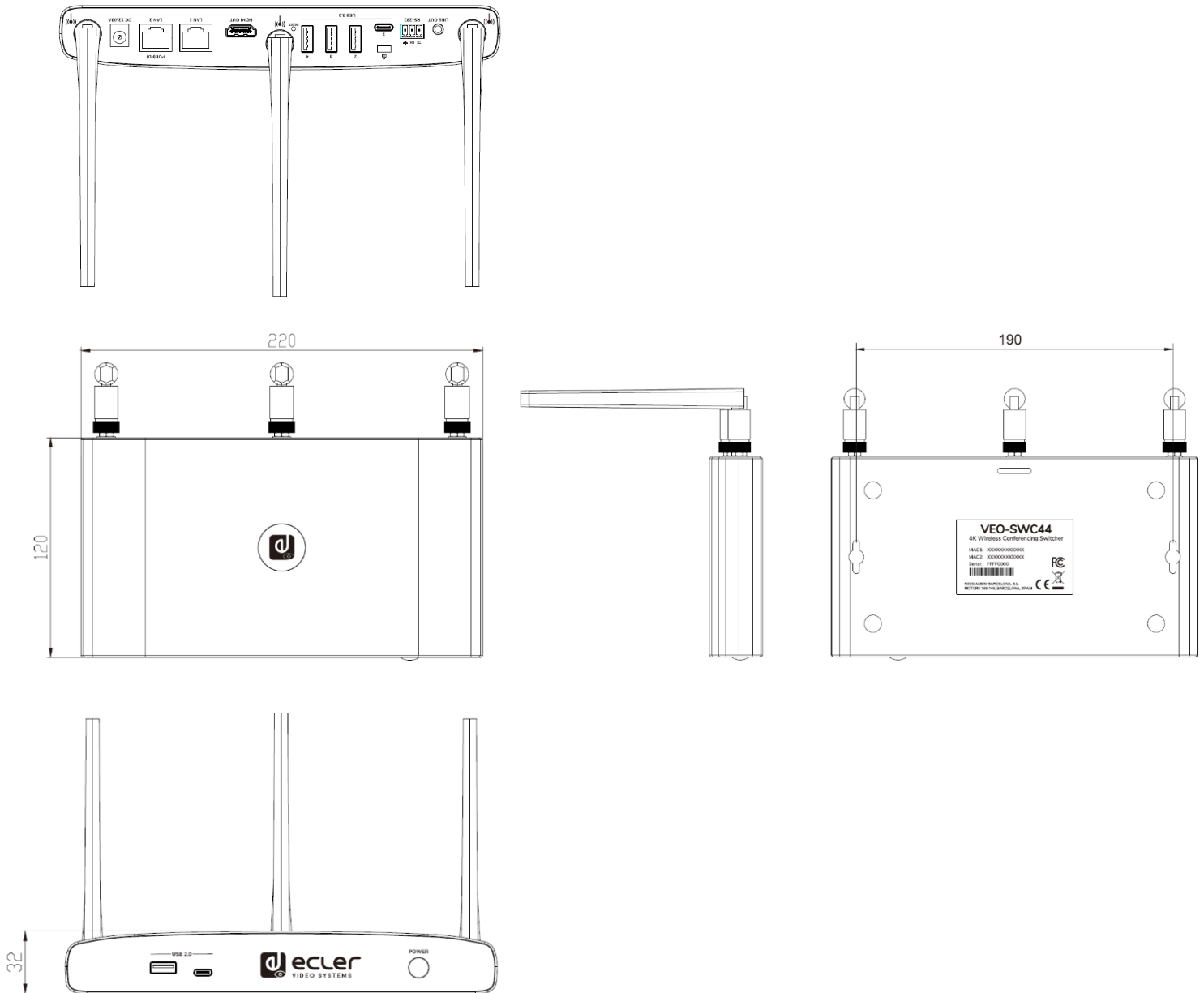## OPTIONAL ACCESSORIES

- VEO-SWC44TH

- VEO-SWC44TU

## TECHNICAL SPECIFICATIONS

### VEO-SWC44

**Video Performances**

| | |
|---|---|
| Video Input Connectors | USB 3.0, USB-C, USB 2.0 (UVC) |
| Video Output connectors | HDMI Type A Female, 1.4, 10.2 Gbps |
| Video Input Resolution | 1080p@60Hz |
| Video Output Resolution | 3840x2160@60Hz, 3840x2160@50Hz, 3840x2160@30Hz, 1920x1080@60Hz, 1920x1080@50Hz, 1920x1080@30Hz, 1280x720@60Hz, 1280x720@50Hz |
| HDCP | 2.2 |
| Video Composing Capabilities | Multiviewing up to 4 windows; 16 participants on hold |
| Screen Mirroring | Airplay, Chromecast, Miracast, VEOShare app, Wireless Transmitter |
| Wireless Conferencing | Yes |
| Other Features | Whiteboard annotation tool, Wireless Touchback, Customizable background |
| HDMI Distance | 10m with Ecler VEO Cables |

**Audio Performances**

| | |
|---|---|
| Audio Output Connectors | Jack 3.5mm |
| Audio Formats | PCM 2.0 |
| Audio De-Embedding | Yes |

**Device Control**

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|---|---|
| Control Connectors | USB Type A, Euroblock, RJ-45 |
| Control Protocols | Web, Telnet, RS-232 |
| Control Buttons | 1 x Power ON button |
| EDID Management | Software |
| Status Indicators | Input LED Multicolour |

**Network**

| | |
|---|---|
| Network Connectors | 2 x RJ-45 (LAN port 1 is 100Mbps and LAN port 2 is 1Gbps), WiFi (Wireless transmission protocol is WIFI IEEE 802.11 a/g/n/ac. Compatible with 2.4 GHz and 5GHz frequency bands) |
| Average Streaming Bitrate | Up to 1200Mbps |
| Transmission Distance | 100m via Ethernet Network |

**Electrical**

| | |
|---|---|
| Power Supply | PoE (IEEE802.3af.) or External Power supply |
| AC Mains Connector | 100-240VAC  50-60Hz with EU, UK, US, AU blades |
| DC Mains Connector | 12VDC-1A with coaxial DC connector |
| Power Consumption | 10W |

**Physical**

| | |
|---|---|
| Operating Temperature | Min: -20°C; -4°F / Max: 60°C; 140°F |
| Operating Humidity | <90% HR |
| Installation Options | Desktop |
| Included Accessories | 1 x 3pin Euroblock connector, 3 x antennas, 1x 12V PSU |
| Optional Accessories | VEO-SWC44TH, VEO-SWC44TU |
| Dimensions (WxHxD) | 220 x 32x 120 mm.  /  8.66 x 1.26 x 4.72 in. 220 x 145 x 120 mm.  /  8.66 x 5.71 x 4.72 in. (including antenna) |
| Shipping Dimensions (WxHxD) | 340 x 77 x 208 mm.  /  13.38 x 3.03 x 8.19 in. |
| Weight | 1 Kg / 2,2 lb |
| Shipping Weight | 1.25 Kg / 2.76 lb |
| Chassis Material | Metal |
| Finished Colour | Black |

## MECHANICAL DIAGRAM

All measures **in mm**.