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
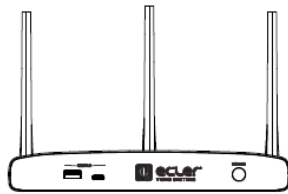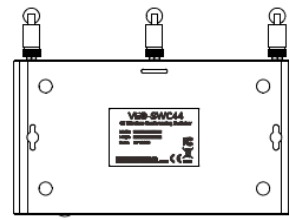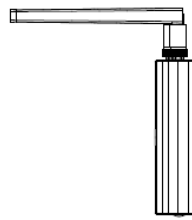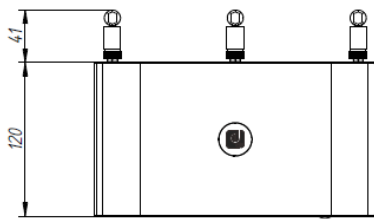
- VEO-SWC44TU

TECHNICAL SPECIFICATIONS

VEO-SWC44

Video Performances

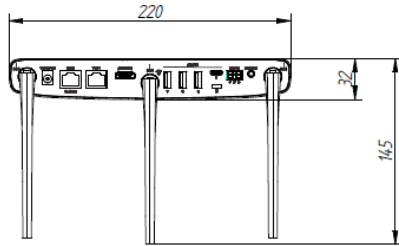|	
Video Input Connectors	USB 3.0, USB-C, USB 2.0 (UVC)
Video Output connectors	HDMI Type A Female, 1.4, 10.2 Gbps
Video Input Resolution	1080p@60Hz
Video Output Resolution	3840x2160@60Hz, 3840x2160@50Hz, 3840x2160@30Hz, 1920x1080@60Hz, 1920x1080@50Hz, 1920x1080@30Hz, 1280x720@60Hz, 1280x720@50Hz
HDCP	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

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 32 x 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 the measurments are in mm

ECLER

Ecler VEO-SWC44 Mechanical Diagram

220

32

145

41

120

VEO-SWC44

61-1004-0200

www.ecler.com