

VEO-SWH44

HDMI 2.0 4x1 18GPBS SWITCHER WITH AUDIO DE-EMBEDDER AND RS-232 CONTROL



PRODUCT OVERVIEW

Ecler VEO-SWH44 is a professional 4x1 HDMI 2.0 switcher. It supports HDR formats and HDMI data rate up to 18Gbps, including 4K/UHD@60Hz video resolution with 4:4:4 chroma sampling. The control includes auto-switching feature, front panel buttons, RS-232 and IR with remote control. VEO-SWH44 is HDCP 2.2 compliant and it guarantees seamless integration for all applications that require latest 4K/UHD and HDR sources and displays.

KEY FEATURES

- 4x1 Ultra High Definition source selector compliant with HDMI 2.0a standard
- Video formats up to 4Kx2K (4096x2160@60Hz YUV 4:4:4) and all HDMI 3D video formats.
- Supports HDR and 3D content
- HDCP 2.2/1.4 Compliant
- Supports 36 bit Deep Color
- Supports smart EDID audio management (Auto/2CH/5.1CH/7.1CH selectable)
- Supports 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

APPLICATIONS

- Retail shops
- Fitness Center
- Sports Bar
- Restaurants
- Hotels
- Residential applications

TECHNICAL DATA

Audio and Video performances

Supported Resolutions Up to 4096x2160@60Hz
4096x2160@24/25/30/50/60Hz, 3840x2160@24/25/30/50/60Hz, 2048x1080p
1080p@23.98/24/25/29.97/30/50/59.94/60Hz, 1080i@50/59.94/60Hz, 720p@50/59.94/60Hz,
576p, 576i, 480p, 480i

Colorspace RGB, YCbCr

Chroma Subsampling 4:4:4, 4:2:2, 4:2:0

Color depth 8-bit, 10-bit, 12-bit

HDR HDR10

Signal Bandwidth 18 Gbps

HDCP 2.2/1.4 Compliant

Audio Formats PCM 2Ch, LPCM 5.1, LPCM 7.1, Dolby Digital, DTS 5.1, Dolby TrueHD, DTS-HD Master Audio

Sample Rate 32kHz, 44.1kHz, 48kHz, 88.2kHz, 96kHz, 176.4kHz, 192kHz

Bit rate up to 24-bit

HDMI Distance up to 10 meters (33 feet) with Ecler VEO cables

Operation Temperature 0°C - 40°C / 32°F - 104°F

Humidity 20 - 90% RH (no condensation)

Power Consumption 2.5 W Maximum

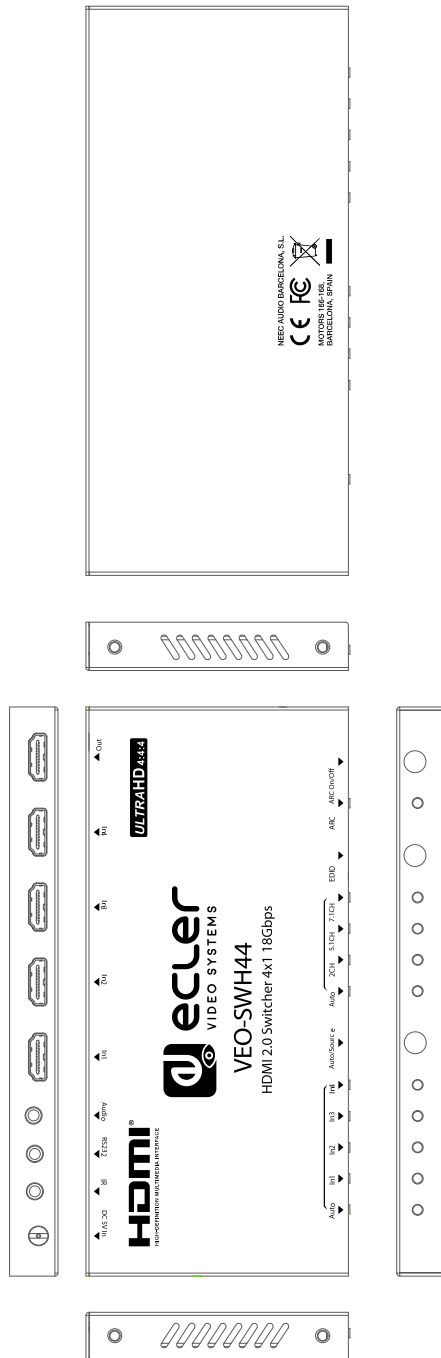
Power Supply AC 100V ~ 240V 50/60Hz Output: DC 5V---1A

MISCELLANEOUS

Dimensions H x W x D 180mm x 85mm x 12mm (7.09" x 3.35" x 0.47")

Weight 300g / 0,66 lbs

MECHANICAL DIAGRAMS



All product characteristics are subject to variation due to production tolerances. NEC 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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