

VEO-SWM45

4K 5x1 PRESENTATION SWITCHER WITH HDBASET EXTENDER



PRODUCT OVERVIEW

Ecler VEO-SWM45 is a 5x1 presentation switcher and scaler that supports 4K/UHD video signal. 5 inputs include 3 HDMI ports, 1VGA (YPbPr/CVBS) and 1 DisplayPort scaled to one HDMI output with a mirrored HDBaseT extension. VEO-SWM45 control options include auto-switching feature, front panel touch buttons, logic inputs, Telnet, Web GUI, RS-232 and IR using the included remote control. An integrated audio matrix consisting of unbalanced Line inputs and outputs ensures that VEO-SWM45 has a great flexibility for embedding and de-embedding audio signal, while a balanced Mic/Line input for a Presenter microphone skips the need of external preamplifiers. VEO-SWM45 supports EDID management and it is HDCP 2.2 compliant. It represents a perfect solution in a large number of purposes including educational, corporate and commercial applications.

KEY FEATURES

- Ultra High Definition source selector with presentation features and integrated scaler
- Three HDMI 2.0 Inputs, one VGA (YPbPr/CVBS) and one DisplayPort video inputs
- Five Unbalanced Stereo and one Balanced Microphone/Line Inputs with 48V phantom power
- Digital video resolution up to 4Kx2K (4096x2160@60Hz YUV 4:4:4)
- VGA resolution up to 1920x1200@60Hz
- Output resolution up to 4096x2160@30Hz
- Mirrored HDBaseT output for extension up to 70m (230 feet)
- HDCP 2.2 Compliant
- Supports automatic and manual switching
- Supports EDID management
- Supports PCM stereo pass-through
- Touch Panel buttons, Embedded Web GUI, IR Remote Control, Logic contacts and RS-232 control

APPLICATIONS

- Corporate meeting room
- Small conference room
- Classroom

TECHNICAL DATA

Audio and Video performances

Input Resolutions HDMI/DisplayPort: up to 3840x2160@50/60Hz (4:4:4)
CVBS: PAL/NTSC3.58/NTSC4.43/SECAM/PAL M/PAL N
YPBPR: 480i to 1080p
VGA: 640x480/60 Hz to 1920x1200/60 Hz

Output Resolutions 3840x2160@30, 3840x2160@25, 1920x1080p60, 1920x1080p50, 1280x720p/60,
1280x720p/50, 1024x768/60, 1280x800/60, 1360x768/60, 1400x1050/60, 1680x1050/60,
1920x1200/60

Color depth Up to 12-bit

Signal Bandwidth 18 Gbps Input
10.2Gbps Output and HDBaseT

HDCP 2.2/1.4 Compliant

Audio Formats LPCM 2 CH

Sample Rate up to 24-bit

Bit rate 32 KHz, 44.1 KHz, 48 KHz, 88.2 KHz, 96 KHz, 176.4 KHz, 192 KHz

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

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

Humidity 20 - 90% RH (no condensation)

Power Consumption 18 W Max

Power Supply AC 100V ~ 240V 50/60Hz Output: DC 24V---1A

