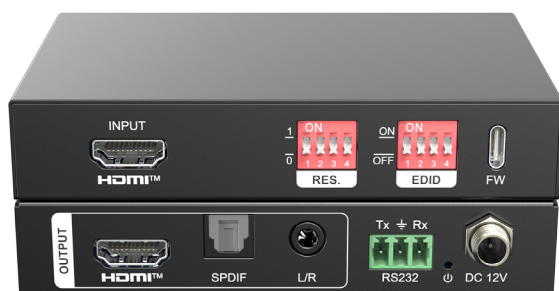


SCLHD11/4K

18Gbps HDMI Full Scaler with Audio Breakout



The SCLHD11/4K is a compact yet powerful HDMI full scaler with audio breakout features. It delivers full 18Gbps HDMI 2.0 with HDCP 2.2 compliance. It also features scaling up to 4K@60Hz RGB 8-bit, and downscaling to 640×480@60Hz. DIP switchers for scaling and EDID make is easy to switch video resolution. RS232 is also provided for advanced control.

Features

- 18Gb, HDMI 2.0, HDCP 1.4/2.2 compliant.
- UP scaling video up to 4K@60Hz 4:4:4.
- Downscaling video up to 640×480@60Hz.
- Audio de-embedded to digital or analog.
- Switchable output resolution.
- CEC Passthrough.
- Advance EDID management.
- Control by DIP Switch, RS-232.

Technical specification

Video

Video Input	1x HDMI 2.0 Type-A female port
Input Resolution	Up to 4K@60Hz 4:4:4, HDR
Video Output	1x HDMI 2.0 Type-A female port
Output Resolution	Up to 4K@60Hz RGB 8-bit
HDMI Version	HDMI 2.0
HDCP Version	Up to 2.2
HDMI Audio Signal	LPCM 2.0

Digital Audio Output

Output	1x S/PDIF
Audio Format	LPCM 2.0
Audio Sample Rate	48KHz

Analog Audio Output

Output	1x Analog L/R Audio
Output Connector	1x 3.5mm audio jack
Audio Format	LPCM 2.0
Frequency Response	20 Hz to 20 kHz, ±1dB
Max Output Level	2.0Vrms ± 1dB
THD+N	< 0.05%, 20 Hz – 20 kHz
SNR	> 80dB
Crosstalk Isolation	< -80 dB

Control

RS-232	1x 3-pin serial port
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Technical specification

General

Bandwidth	18Gbps
Environment Temperature	-5°C ~ +55°C
Storage Temperature	-25°C ~ +70°C
Relative Humidity	10% ~ 90%
External Power Supply	Input: AC 100V~240V, 50/60Hz; Output: DC 12V/1A
Power Consumption	≤ 4.5W
Dimension (W x H x D)	110 x 21 x 80 mm
Net Weight	215g

Typical applications

• Schools (Classroom, Lab, Hall etc.) • Churches • Corporate Applications (Board Room, Function Room etc) • Rental

Diagram

