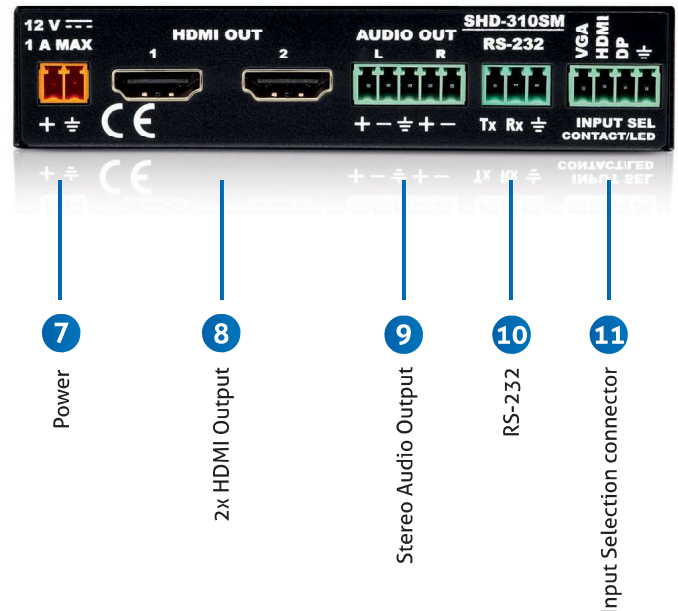


Receiver - front view

Receiver - rear view



Features

- Universal, multiformat interface, compatible with source signal formats HDMI, DisplayPort, VGA and Stereo Audio
- World's smallest and HDCP compliant, high performance, all purpose signal converter, scaler, switcher, splitter and mixer
- Auto-Switch or front panel selection, RS-232 input, controllable with discrete input LED indications
- Independent analog audio input, can be coupled with any video input or mixed with de-embedded audio from HDMI or DP outputs to analog output or embedded to HDMI
- Dual mirrored HDMI outputs for usage of big screen/projector and local monitor simultaneously
- Unique RS-232 controlled picture zoom (out) adjustments to compensate for common display overscan
- RS-232 selectable video resolutions of common 1080p / 720p or pixel to pixel modes
- RS-232 selectable audio. Digital pass through or mixing and embedding or muting
- High efficiency fanless design for ultimate reliability
- Rack mountable, under-table mountable, above-projector mountable metal enclosures

Specifications

Electrical	
Video signal path	There are 3 video inputs and 2 video outputs. The analog RGB video from the VGA input goes to the scaler's analog input. The DisplayPort (DP) input signal is first converted to HDMI and then goes to the digital input of the scaler. The scaler converts all video to LVDS, feeds it to a HDMI encoder and fothen forwards it to two mirrored HDMI outputs.
VGA Input	0.7 Vp-p analog RGBHV, 75 ohm impedance
HDMI Input	High-Speed HDMI w. Ethernet, FullHD 1080p, max. 6,7 GBps
DisplayPort Input	DisplayPort 1.3 Dual Mode, FullHD 1080p, max. 6.7 GBps
Video processing	36-bit decoding, sampling, 225 MHz clock
Video input resolution range	All digital video formats up to 1080p FullHD / WUXGA 1600x1200
Scaled video output resolutions presets	1080p, 720p, "pixel to pixel": 1024x768, 1280x800, 1366x768, 720p, 1080p, etc
HDCP compliance	HDCP 1.2
Audio signal path	There are 3 audio inputs and 3 audio outputs. The digital audio embedded in HDMI and DP inputs are selected by a HDMI switcher, then go to the scaler. The scaler produces both SPDIF digital audio and de-embedded analog audio. The latter is mixed with the analog audio input and goes to the analog audio output and an analog to digital converter. The HDMI encoder can select this mixed audio or the digital audio from HDMI/ DP and directly pass it through to both HDMI outputs.
Analog audio Input	Stereo on 3.5 mm mini jack, nominal level -10 dBV (316 mV), max +3.5 dBV (1.5 V), 22k ohms
Analog audio Output	Stereo on 5-pin 3.5 mm Phoenix connector, balanced output nominal -4 dBV (632 mV), un-balanced output nominal -10 dBV (316 mV), 60 ohms
Audio gain	0 dB (x1) to unbal, +6 dB (x2) to bal output
Controls	Front panel button toggle through all 3 inputs RS-232 on 3-pin 3.5 mm captive screw, 9600/8-N-1 contact port on 4-pin 3.5 mm captive screw, discrete pin for each input, dual function (switch to select, LED for indication)

Connections	
Input connector	1x VGA, 1x Stereo Audio, 1x DisplayPort, 1x HDMI
Output connectors	2x HDMI, 1x Stereo Audio (Phoenix, 5-Pin)
Power connector	2-pin 3.5 mm captive screw receptacle
Control connector	1x RS-232 (Phoenix, 3-Pin), 1x Input Selection (Phoenix, 4-Pin)

Mechanical	
Enclosure material	Steel
Power consumption	12 V DC, 0.2 A
Enclosure size / Net weight	10,9 x 2,5 x 7,6 cm / 0,22 kg

Regulatory compliance	
Safety	CE, cUL, UL (power supply only)
EMI/EMC	CE, FCC Class A
MTBF	30,000 hours
Warranty	3 years parts and labor

Logistic Informations

Single Box

Quantity: 1 pcs
 Size: 15,0 x 12,2 x 2,8 cm
 Weight: 0,29 kg



Export Box

Quantity: 36 pcs
 Size: 31,5 x 29,5 x 24 cm
 Weight: 11 kg



Optional accessories

Power Supply - 12 V 0,2 A (1 A max.)
 LU-PS12V1A

Under Desk Mount
 LU-UDM-100

HDMI Cable - High Speed with Ethernet, Secure Lock System
 PI1000-xxx (-005=0,50m, -010=1,00m, -015=1,50m, ...)