



The SW-1102 is a multi-function switcher and scaler that allows the conversion of up to 11 multiple format inputs to 2 HDMI outputs up to full HD 1080p video and HD audio. It allows upscaling and switching from standard definition/high definition sources to resolutions up to 720p or 1080p.

Key Product Features

- HDMI outputs also have separate analog audio outputs
- Allows display to view any source at anytime
- Supports bypass function with VGA and DVI-I ports
- DVI-I supports both analog and digital formats with L/R and optical audio input
- Detached audio output by L/R and optical
- Delivers uncompressed digital video with zero signal loss
- Supports high definition resolutions 1080p, 1080i, 720p and standard video formats
- Scales to 720p or 1080p
- Can by-pass scaling and output as source
- 10-bit triple-ADC for RGB/YPbPr
- Dual switching option: IR control with remote handset and manual front panel control
- Additional Remote control function with RS232 connectivity

Inputs Supported

- 1 x VGA source
- 1 xS-Video source
- 2 x AV sources with stereo audio
- 2 x YPbPr sources with analog audio
- 4x HDMI sources (with one supporting 5.1 multichannel digital audio)
- 1 x DVI-I source with analog audio and digital audio via optical*

Specifications

Operating Temperature Range	-5 to +35°C (-41 to +95°C)
Operating Humidity Range	5 to 90 % RH (no condensation)
Video Amplifier Bandwidth	6.75Gbps
Input Video Signal	0.5 - 1.0 volts p-p
Input DDC Signal	5 volts p-p (TTL)
Maximum Single Link Range	1080p 24bit colour depth
Transmission distance	1080p transmission over 15m / 49ft
*Under perfect transmission conditions including straight cable runs with no electrical interference, bends, kinks, patch panels, or wall outlets.	
Video Format Supported	VESA: 640x480, 800x600,1024x768, 1280x1024, 1600x1200, 1920x1200 DTV/HDTV: 480i/576i/480p/576p/720p/1080i/1080p

Output Video	HDMI v1.2
Audio Format Supported	DTS-HD Master Audio, Dolby True HD, multi-channel 5.1, 7.1, stereo
Max. Transmission distance over HDMI	1080p transmission over 15m / 49ft - (perfect transmission conditions denote a straight cable run within specified distance range of both product and cable with no obstructions or stress)
BTU Rating (British Thermal Unit)	51.15
Power Consumption	10 Watts (Max.)
Power Supply	5VDC - from mains
Dimensions	438mm/17.2" (W) 40mm/1.6" (H) 190mm/7.4" (D)
Weight	2.4kg/5.3lb
Rack space required	1U