



Data sheet

HDMI to 3G SDI Scaler



Just connect it and works. Simplicity, efficiency, and good performance. The walogy scaler has been designed to work hardy, with a very low heat and less than 7 watts consumption. Plus the threaded locking connector allows it to operate in the most demanding environments

With its built-in DIP switch, the walogy scaler can modify the input video signal and convert to up/downscaling, frame rate conversion and de-interlacing video.

It has a type A HDMI input and dual 3G-SDI output and support up to 1080p60 professional signal.

Connections

HDMI Video input
1xHDMI A

AV Input
1x8" (3.5mm) jack

SDI Video output
3xSD/HD/3G-SDI (75Ω BNC)

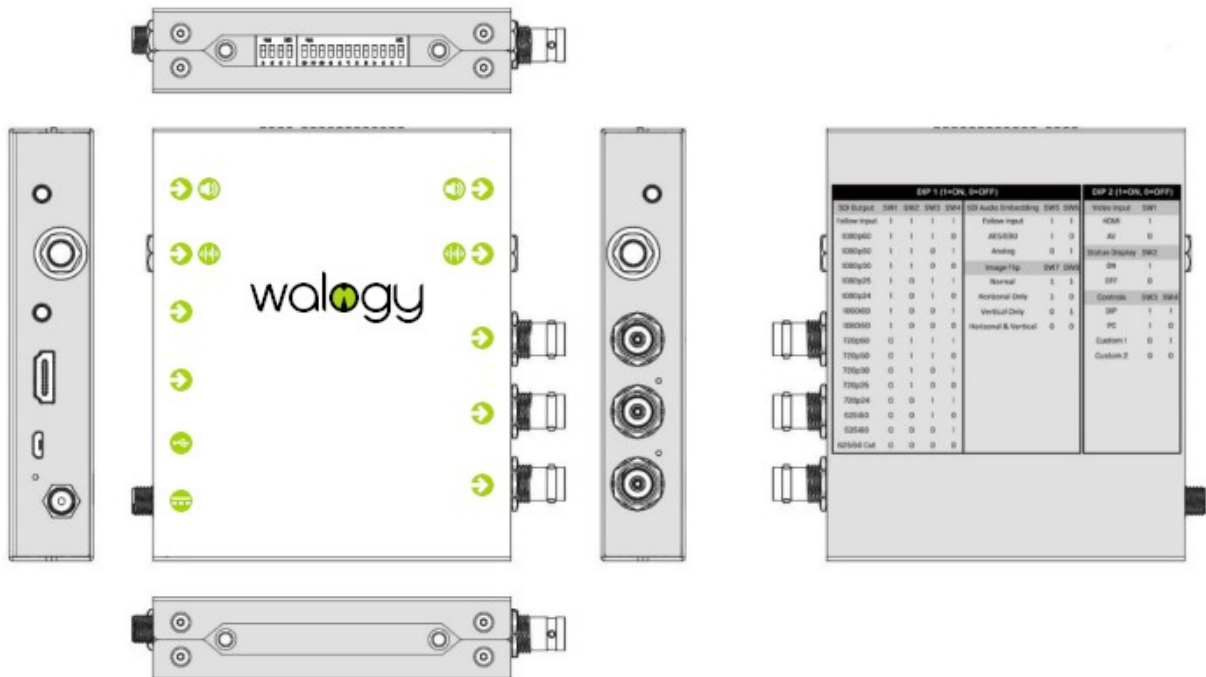
AES/EBU Digital Audio Input
1x 1/4" (6.35mm) TRS jack

Analog Audio Input
1x8" (3.5mm) jack

Updates and Configuration
Micro USB

AES/EBU Digital Audio Output
1x 1/4" (6.35mm) TRS jack

Analog Audio Output
1x8" (3.5mm) jack



Specifications

HDMI Input Format Support

480i 59.94/60
 480p 59.94/60
 576i 50
 576p 50
 720p 23.98/24/25/29.97/30
 720p 50/59.94/60
 1080i 50/59.94/60
 1080p 23.976/23.98/24/25/29.97/30
 1080p 50/59.94/60

SDI Output Format Support

525i 60
 625i 50
 720p 24/25/30/50/60
 1080i 50/60
 1080p 24/25/30/50/60

SDI Compliance

SMPTE 259M
 SMPTE 292M
 SMPTE 296M
 SMPTE 352M
 SMPTE 424M

AV Input Format Support

NTSC / PAL

HDMI Color Space and Precision

YUV 4:2:2/4:4:4, RGB 4:4:4

SDI Video Rate

SD/HD/3G-SDI

SDI Color Space and Precision

YUV 4:2:2

Power

Threaded locking connector

Power consumption

6.3W

Voltage Range

DC 6-24V

Operating temperature

-20°C ~ 60°C

Storage temperature

-30°C ~ 70°C

Relative humidity

40% ~ 90% non-condensing

Warranty

3 years limited Manufacturer's Warranty

DIP Switches configuration

SDI Output	SW1	SW2	SW3	SW4
Follow Input	1	1	1	1
1080p60	1	1	1	0
1080p50	1	1	0	1
1080p30	1	1	0	0
1080p25	1	0	1	1
1080p24	1	0	1	0
1080i60	1	0	0	1
1080i50	1	0	0	0
720p60	0	1	1	1
720p50	0	1	1	0
720p30	0	1	0	1
720p25	0	1	0	0
720p24	0	0	1	1
625i50	0	0	1	0
525i60	0	0	0	1
625i50 CUT	0	0	0	0

Audio Embedding	SW5	SW6
Follow Input	1	1
AES/EBU	1	0
Analog	0	1

Image Flip	SW7	SW8
Normal	1	1
Horizontal Only	1	0
Vertical Only	0	1

Video Input	SW1
HDMI	1
AV Analog	0

Status Display	Sw2
ON	1
OFF	0