walogy

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
1×8" (3.5mm) jack

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

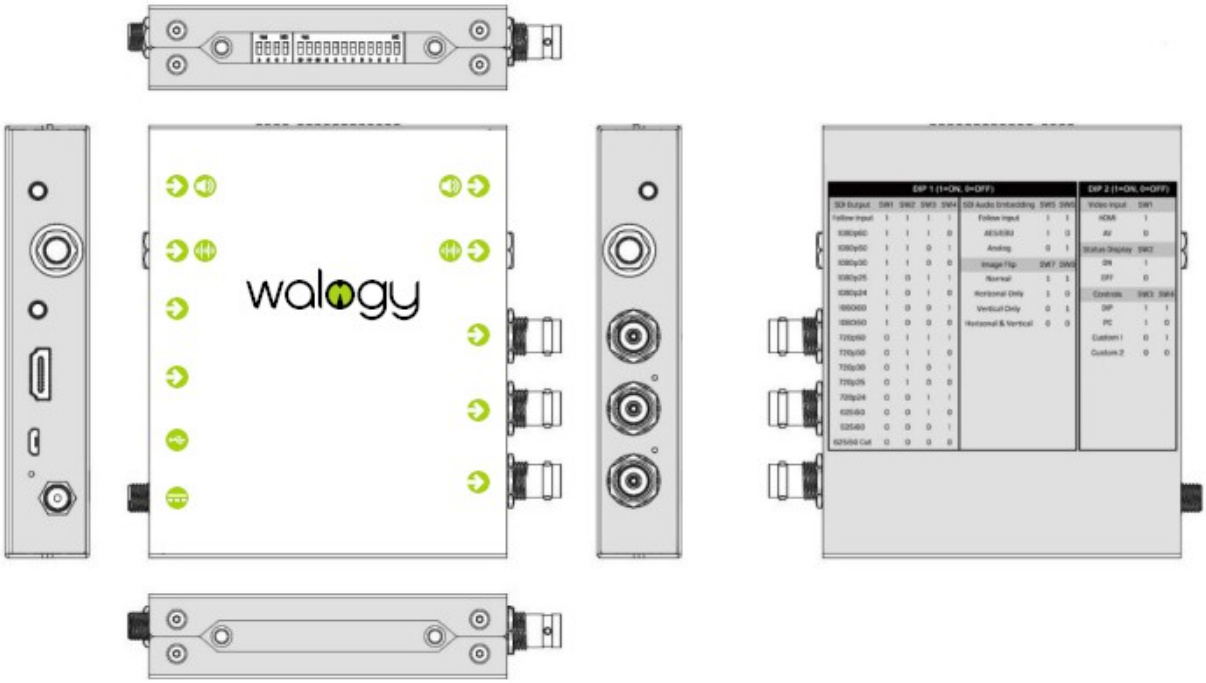
AES/EBU Digital Audio Input
1× 1/4" (6.35mm) TRS jack

Analog Audio Input
1×8" (3.5mm) jack

Updates and Configuration
Micro USB

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

Analog Audio Output
1×8" (3.5mm) jack



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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	O
1080p50	1	1	O	1
1080p30	1	1	O	O
1080p25	1	O	1	1
1080p24	1	O	1	O
1080i60	1	O	O	1
1080I50	1	O	O	O
720P60	O	1	1	1
720P50	O	1	1	O
720P30	O	1	O	1
720P25	O	1	O	O
720P24	O	O	1	1
625I50	O	O	1	O
525I60	O	O	O	1
625I50 CUT	O	O	O	O

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

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

Video Input	SW1
HDMI	1
AV Analog	O

Status Display	Sw2
ON	1
OFF	O

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