HDMI Scaler Box

AVLINK™

SB-101H

USER MANUAL   V1.0
SB-101H

Package Contents-
- 1x SB-101H Unit
- 1 user manual
- 1x Power adapter DC 12V with lock
- 2x screws
- 4x foot pads

Any thing missed, please contact with your vendor.

Features
- The SB-101H is designed to allow a user to up/down scale HDMI resolution, The HDMI resolution from 1080P to 4K or 4K to 1080P. The other resolutions will bypass from input to output.
- Supports HDCP 1.4/2.2
- Supports 1080P to 4K up scale
- Supports 4K to 1080P Down Scale (4K 4:2:0 Only support Bypass mode)
- Bypass mode supports Max. resolution up to 4K/60Hz 4:4:4
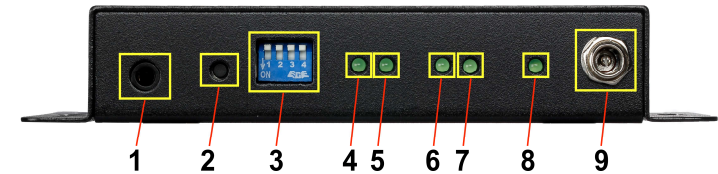
Specifications

Function	SB-101H
HDMI In Connector	HDMI A-Type Female x 1
HDMI Out Connector	HDMI A-Type Female x 1
F/W Upgrade	3.5 ϕ Stereo Jack x 1
Reset	Tact Switch x 1
Mode	4 Position DIP Switch x 1
Scaling	3 ϕ Green LED x 1
ENG.	3 ϕ Green LED x 1
HDMI Out	3 ϕ Green LED x 1
HDMI In	3 ϕ Green LED x 1
Power	3 ϕ Green LED x 1
Max. Resolution	4K
Highest TMDS Frequency	Max. 600MHz
Power Adapter (Min.)	DC 12V with lock
Housing	Metal
Weight	274g
Dimensions (LxWxH)	150x80x25 mm

REMOTE FRONT VIEW

1. HDMI Out
2. HDMI In

REMOTE REAR VIEW

1. F/W Upgrade
2. Reset SW
3. Mode DIP SW
4. Scaling LED
5. ENG. LED
6. HDMI Out LED
7. HDMI In LED
8. Power LED
9. Power Jack (12V DC)

Installation
1. Turn off the source device and HDTV.
2. Connect the HDMI extension cable between the HDTV and the "HDMI OUT" port of SB-101H.
3. Connect the HDMI extension cable between the source device and the "HDMI IN" port of SB-101H.
4. Connect the power cord and turn on the extender.
5. Turn on the source device (equipment) and HDTV.

MODE DIP Switch Settings:

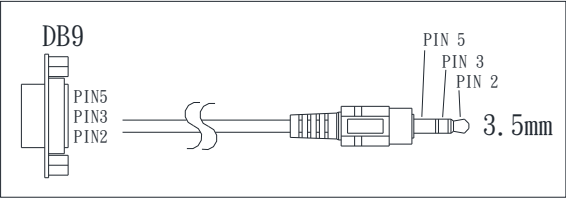| Pin1,	Pin2	SCALE
Off,	Off	Disable
Off,	On	1080P to 4K
On,	Off	4K to 1080P
On,	On	Reserved

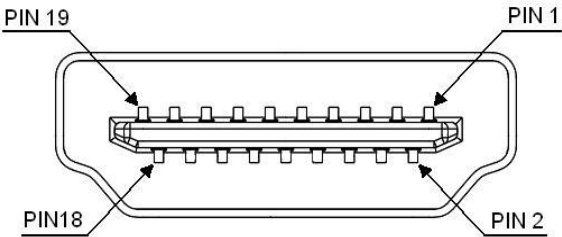| Pin3	ENG.
Off	Disable
On	Enable

ENG.: Just for factory testing.

Additional Options

Select any additional options you may require.
1. F/W Upgrade Cable

Technical Specifications Output Signal

Pin #	Signal	Pin #	Signal
1	TMDS Data 2+	11	TMDS Clock Shield
2	TMDS Data 2 Shield	12	TMDS Clock -
3	TMDS Data 2-	13	CEC
4	TMDS Data 1+	14	Reserved (N.C. on device)
5	TMDS Data 1 Shield	15	SCL
6	TMDS Data 1-	16	SDA
7	TMDS Data 0+	17	DDC/CEC Ground
8	TMDS Data 0 Shield	18	+5V Power
9	TMDS Data 0-	19	Hot Plug Detect
10	TMDS Clock+		

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