SB-3879
HDMI VIDEO SCALER

VIDEO HDMI PRO

Inputs : 1x COMPOSITE/AUDIO, 1x S-VIDEO/AUDIO, 1x COMPONENT VIDEO/AUDIO, 1x VGA/AUDIO, 1x DVI/Audio, 1x HDMI, 1x DisplayPort
Outputs : 1x HDMI, 1x VGA, 1x S/PDIF, 1x STEREO AUDIO







Ear Rack:1U-300L

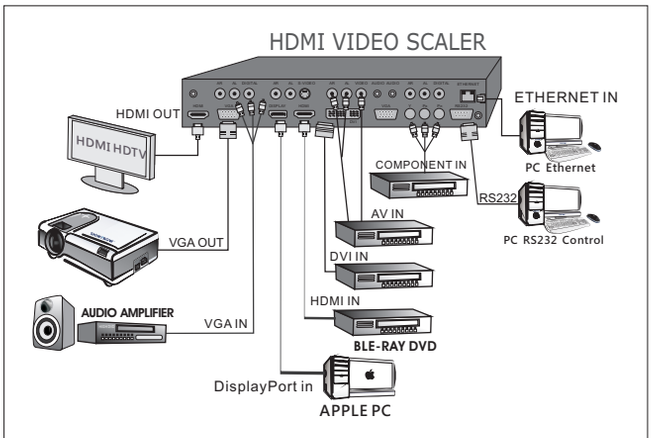
INTRODUCTION

The SB-3879 is a professional high performance video graphics scaler supporting seven (7) different inputs and output signal, HDMI, VGA and S/PDIF & Stereo Audio. The Inputs are comprised of 1x Composite Video & Audio, 1x S-Video & Audio, 1x Component Video & Audio, 1x VGA & Audio, 1x DVI & Audio, 1x DisplayPort and 1x HDMI. The available output ports are 1x HDMI, 1xVGA, 1x S/PDIF and 1x Stereo Audio. This scaler supports S-Video with 3D comb filter, HDMI 3D 1.4a formats, HDCP 2.0 Compliant, and HDCP. It is able to auto detects the video standard format of input signal from NTSC/PAL/SECAM system, and convert to high definition RGB digital HD signal.

The scaler supports full HDTV resolution data rates enabling 480i/p, 576i/P, 720p or 1080i/p formats, higher DVI resolution (1920x1200), HDMI 1080p-60, DP (2550x1600) which is ideally for high definition 3D TV, HDTV, Plasma display or monitor applications. Control is provided via front panel buttons with LED monitor , RS-232, Ethernet, or IR remote control (included). A RS-232 interface is provided for interfacing with third party controller.

The windows-based control software package is included to provide complete control of the SB-3879 from a PC.

SB-3879 HDMI VIDEO SCALER



HDMI VIDEO SCALER SUPPORT VIDEO INPUT :
HDMI-DisplayPort-DVI-PC-COMPONENT-SVIDEO-VIDEO

FEATURES

1. HDMI Video Scaler Support HDMI 1.4a 3D formats, HDMI V1.4 Transmitter & Receiver, HDMI 1.4, DVI 1.0, HDCP 2.0 Compliant.
2. Wide range scales HD resolutions any PC (XGA to WUXGA) and HDMI resolutions 480i/480p, 576i/576p, 720p, 1080i & 1080p from Any analog video, S-Video(Y/C), Component Video (YPBPR), PC VGA, DVI, HDMI or Display Port resolutions.
3. Input port Composite Video, S-Video(Y/C), Component Video(YPBPR) 480i/p, 576i/p, 720p, 1080i/p , DVI (1920x1200), HDMI 1080p-60, Display Port (2560x1600).
4. Output Support PC VGA (XGA to WUXGA) and HDMI 1080P-60 with Deep color 36-bit., Digital Audio support SPDIF and Stereo Audio outputs.
5. Input resolution up to 1080p, 1920x1080, 1920x1200 and 2560x1600 (only in DP).
6. Bypass XGA & 720P 120Hz 3D signal for DLP link 3D ready projector for active 3D display. and audio receivers/amplifiers.
7. Advanced 3D de-interlace, smooth edge algorithm and 3:2/2:2 film mode processing.
8. Support 3D formats: Frame packing, side by side and top/bottom signal types.
9. Support full HD @24Hz full HD 3D signal with special algorithm for RH/LH synchronization.
10. Support intelligent color adjustment (Discrete RGB color adjustment, Hue, saturation, sharpness, contrast, brightness and (4) preset color modes).
11. OSD (on screen display) for menu color, resolution and input source selections.
12. Various User Interface control:
    - ·Windows based GUI control via RS232 port
    - ·Front Panel push button
    - ·IR wireless remote control
13. ·Ethernet with built-in web browser
14. ·Third party RS232 controller (via simple ASCII)
15. Support IR Remote and IR Extender with cable distance up to ~ 1000' (300M) Maximum.
16. Desktop with optional 19 inch Rack mount (included).
17. Power supply DC12Volt, Universal Type switch 100~240VAC, 50/60Hz.

SPECIFICATIONS

1. Scaler Type :	7 in 2 out HDMI Video Scaler
2. Video Input Signal :	1x Composite/1x S-Video/1x Component / 1x VGA/ 1x DVI/ 1x HDMI/ 1x DP
3. Audio Input Signal :	Digital Audio (PCM), Stereo Audio
4. Video Output Signal :	1x RGB, 1x HDMI
5. Audio Output Signal :	1x S/PDIF Digital Audio, 1x Analog Audio RH/LH, 1x HDMI Audio
6. 3D Support :	3D Video Format in HDMI 1.4a (225MHz)
7. Input Resolution :	7.Input Resolution : Up to 1080p-60, 1920x1200, and DP 2560x1600
8. Output Resolution :	Up to 1080p-60 and 1920x1200
9. Source Status :	Automatic scanning of input/output status
10. HDCP Support :	DVI/ HDMI/ Display Port, compliant with HDCP 2.0
11. HDMI Compliance :	HDMI 1.4a receiver and transmitter
12. HDMI Cable Distance :	Max. 15 meters (~49 feet), depending on cable quality
13. Infrared Frequency :	38KHz
14. Chassis Material :	Metal
15. IR Extend Distance :	300 meters (~1000 feet) line cable via IR extender
16. Control :	IR remote control, RS-232, front panel push buttons
17. Dimensions :	11.96"x 6.06" x 1.73"(304mm x 154mm x 44mm)
18. Rack Mount :	19-inch panel type (1U-44L)
19. Power Supply :	Input 100 ~ 240 VAC, 50/60 Hz Output DC 12V, 3A
20. Safety Approvals:	CE, FCC, RoHS
21. Temperature :	32F ~ 100F (0~32C)
22. Net Weight (Unit only) :	1.4 kgs / 3.09 lb

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