SB-3855

9x2 Multi-Video Routing Switcher with Scaler

Input : 1x Composite Video / Stereo Audio (AR/AL),
1x Component Video / Stereo Audio (AR/AL),
2x VGA / Audio, 1x SDI (in/out), 4x HDMI
Output 1 : 1x HDMI, 1x VGA / Audio, 1x Composite Video
Output 2 : Modular Type (Page 01-01)

SCALER | VIDEO | PRO | VGA | HDMI | SDI | COMPONENT | COMPOSITE

Ear Rack : 1U-440L

INTRODUCTION

The SB-3855 is a high professional video graphics scaler supporting Nine (9) different video Input signal types including 4xHDMI™, 2xVGA+Audio, 1xSDI, 1xComposite Video Audio,1xComponent Video Audio and outputs are VGA, HDMI™ and Video. The optional of the output modules support SDI, HDBaseT™, IP and COAX. This scaler supports HDMI™ 1.3 formats and is HDCP 1.2 Compliant. The SB-3855 Auto-detects the Input video standard in the form of NTSC,PAL and SECAM systems and converts to High Definition RGB digital HD signal. The scaler supports full HDTV resolution 480i/p, 576i/P, 720p and 1080i/p-60Hz formats, higher DVI resolution (1920x1200). HDMI™ 1080p is ideal for high definition HDTV, Plasma display or other monitor applications. The volume value can be controlled when the output is stereo audio. Provide four (4) memory locations to memorize the previous different settings. The Control is provided via front panel buttons with LED display, wireless IR remote control, RS-232 and Ethernet.

DIAGRAM TYPICAL

FEATURES

01. 9x2 Multi-video To HDMI Switcher with Scaler
02. Support HDCP, DVI format and CEC/HDCP 1.2 compliant
03. Link speeds up to 4.95 Gbps (link clock rate of 165MbHz)
04. Wide range of HD output resolutions from PC XGA to WUXGA 1920x1200 and HDTV/DTV HDMI resolutions 480i/480p, 576i/576p, 720p, 1080i/p
05. SDI supports:
    - 3G-SDI : 1080p at 50/59.94/60 Hz (4:2:2)
    - HD-SDI : 720p at 50/59.94/60 Hz
      1080i at 50/59.94/60 Hz
      1080p at 23.98/24/25/29.97/30 Hz
    - SD-SDI : NTSC at 59.94 Hz, PAL at 50 Hz
06. The volume value can be controlled when the output is stereo audio
07. Provide four(4) memory locations to memorize the previous different settings
08. Support IR remote and IR extender with cable distance up to 1000ft (300M)
09. Various User Interface control :
    - Windows based GUI control via RS-232 port
    - Front Panel push button
    - IR wireless remote control
    - Ethernet with built-in web browser
    - Third party RS-232 controller (via simple ASCII)
10. HDMI Output with Booster function, Cable Distance is up to 98 feet (30M) when at 1080p-60Hz
11. Support Universal power input AC100V~AC240V, 50/60Hz

SPECIFICATIONS

Type of HDMI Scaler	9x2 Multivideo To HDMI Switcher with Scaler
Video Input Signal	4x HDMI, 2x VGA+Audio, 1x SDI, 1x Composite Video Audio, 1x Component Video Audio
Video Output Signal	1xHDMI, 1xVGA, 1xComposite Video
Output Model Cards	HDMI+Audio, SDI+Audio, HDBaseT+Audio, IP+Audio, DTV COAX
Output Support	HD resolution up to 1080P, PC resolution up to WUXGA 1920x1200
HDCP / HDMI	HDMI 1.3, HDCP 1.2 complaint
Video Bandwidth	Double Data Rates : 165Mhz, Total 4.95Gbps
SDI Support	3G-SDI : 1080p at 50/59.94/60 Hz (4:2:2) HD-SDI : 720p at 50/59.94/60 Hz 1080i at 50/59.94/60 Hz 1080p at 23.98/24/25/29.97/30 Hz SD-SDI : NTSC at 59.94 Hz, PAL at 50 Hz
Control	Front Panel push button, IR, RS-232, Ethernet
Input Status	LEDs indicates presence of a live signal
HDMI Cable Length	1080p up to 98 feet (30M)
Infrared Frequency	38 Khz
Safety Approvals	CE, FCC, REACH
Rack Mount Bracket	19 inch 1U High Rack Mount Bracket (1U-440L)
Dimension (WxDxH)	17.4" x 9.96" x 1.73" (442mm x 253mm x 44mm)
Weight	2.5 kg / 5.51 lb
Power Supply	AC 100~240V 50/60Hz

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Modular Type

T-HDMI-A

Output : 1x HDMI, 1x S/PDIF, 1x Stereo Audio

T-HDMI-VGA-A

Output : 1x HDMI, 1x VGA/Audio, 1x Composite Video

T-HDBT

Output : 1x HDBaseT
Control : IR (in/out), RS-232 (Tx)

T-IP-HDMI

Output : 1x IP Extender, Tx(100M), 1x HDMI Loopout
Control : IR (out), RS-232 (Tx)

T-DP-A

Output : 1x Display Port, 1x S/PDIF, 1x Stereo Audio

T-FIBER

Output : 1x Fiber

T-SDI-A

Input : 1x Audio
Output : 1x SDI

T-COAX-BNC

Output : 1x Coax (BNC)

T-COAX-F-A

Input : 1x Audio, 1x Coax (F)
Output : 1x Coax (F)

T-COAX-BNC-HDMI-A

Output : 1x Coax (BNC), 1x Audio, 1x HDMI Loopout
Control : IR (out), RS-232 (Tx)

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Method :

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