

SB-3691

2x1 HDMI PiP PoP Box



Input : 2x HDMI
Output : 1x HDMI, 1x S/PDIF, 1x Audio

PRO | HDMI | SCALER

01

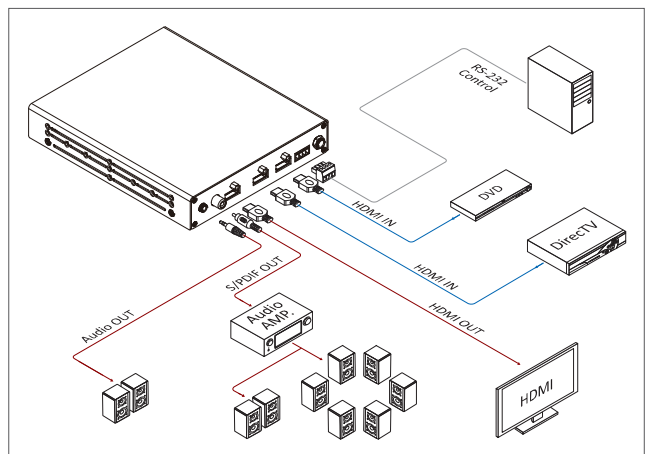


Ear Rack :
#WM-1INCH-130MM

INTRODUCTION

The SB-3691 is the professional 2x1 HDMI™ PIP PoP Scaler Switcher. Supporting two(2) HDMI™ inputs and one(1) HDMI™ output with Picture in Picture(PiP) and Picture of Picture(PoP) that can be easily configured and controlled. Support video resolution up to 1080p with a signal bandwidth of 165MHz, data rate up to 4.95Gbps, there is no signal degradation. The switcher is being fully HDMI™ 1.3 and HDCP 1.2 compliant, with CE and FCC certification. Zoom management can be selected between 5 modes. Input resolutions can be scaling up to 1080p and scaling down to 480p. Support menu for controlling brightness, contrast and saturation. Control is provided via Front panel push buttons or IR remote and RS-232. The windows-based control software package is included to provide complete control of the SB-3691 from a PC.

DIAGRAM TYPICAL



FEATURES

01. 2x HDMI input and 1xHDMI output Scaler Box
02. Support Picture in Picture(PiP) and Picture of Picture(PoP)
03. Link speeds up to 4.95Gbps(link clock rate of 165MHz)
04. Support HDMI 1.3 and HDCP 1.2 compliant
05. Zoom management can be selected between 5 modes
06. Digital Video TMDS formats Resolution up to 1080p with Deep color 36bit
07. Support menu for controlling brightness, contrast and saturation
08. Scaler supports :
 - Scaling down to 480p
 - Scaling up to 1080p
09. Audio output support PCM 2ch
10. HDMI Cable Distance 1080p-60Hz up to 98feet(30M)
11. Various User Interface Control : Front Panel push button, IR and RS-232
12. Support Universal power adaptor, Power input AC100V~AC240V, 50/60Hz

SPECIFICATIONS

Type of Switcher	2xHDMI input and 1xHDMI output Scaler Box
HDMI Support	HDMI 1080P@60Hz, H36-bit Deep color
HDCP / HDMI Support	HDCP 1.2 Compliant, HDMI 1.3 version
Video Bandwidth	Double Data Rates : 165Mhz, Total 4.95Gbps bandwidth
Digital Video Support	HD : 480i / 480p / 720p and up to 1080i/p
Input	2x HDMI (HDMI or DVI digital source)
Output	1x HDMI (To Destination)
Switch Control	1x Select & Function buttons on front panel 1x IR Remote Controller (switch control) 1x RS-232
Scaling mode	Scaler down to 480p, Scaler up to 1080p
HDMI Signal Booster	Distance 1080p Cable 98 feet (30M)
Infrared Frequency	38 KHz
Firmware Update	Firmware update via RS-232
HDMI I/O Connector	HDMI Type A - SMD 19pin Female Type
Temperature	Operating Temperature 32°F - 100 °F (0°C - 32°C)
Safety Approvals	CE, FCC, REACH
Wall Mount Bracket	1 inch High Wall Mount Bracket (#WM-1INCH-130MM)
Dimension (WxDxH)	5.70" x 6.69" x 1.14" (145mm x 170mm x 29mm)
Weight	0.5 kg / 1.1 lb
Power Supply	DC 12V, @1.25A (World Wide Universal AC 100~240V 50/60Hz)