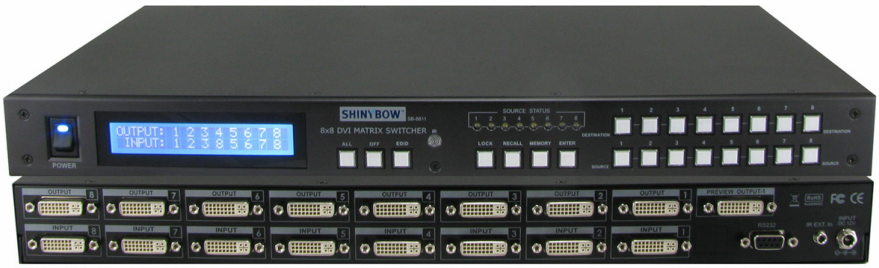
SB-8811

8X8 DVI HDTV VIDEO MATRIX ROUTING SWITCHER



INPUTS: 8X DVI DIGITAL VIDEO

OUTPUTS: 8X DVI DIGITAL VIDEO,1X PREVIEW

EAR RACK: 1U-440L





INTRODUCTION

The SB-8811 is high-performance 8x8 matrix routing switcher for DVI (Digital Visual Interface) signals. This switcher supports data rates up to 2.25 Gbps, enabling 1920x1200 DVI formats and UXGA/WUXGA/DVI resolution to any HD display. High Definition Digital signals can be selected and distributed to any (8) outputs simultaneously. The Switcher is certified as being fully DVI and HDCP compliant, with RoHS, CE, FCC certification. Support high resolution DVI sources routed to DVI displays, monitors, projector or audio receivers. The EDID can be selected between (4) different modes. Control is provided via front panel push buttons, IR remote, TCP/IP (not a web-browser) or RS-232. An RS-232 Windows GUI interface is provided for matrix routing control (Windows only).

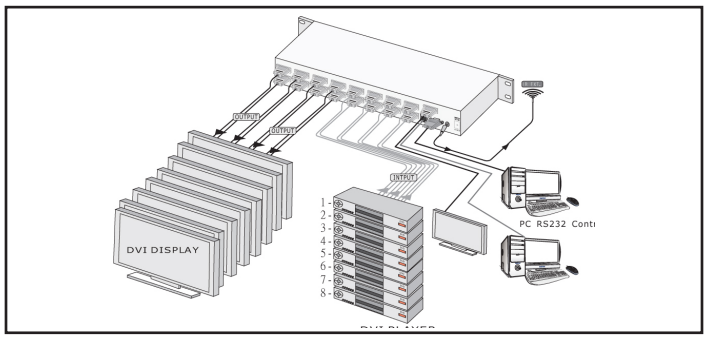
FEATURES

- (8)x DVI signal device sources matrix switched to (8)x DVI destination devices
- DVI digital video w/ embedded, DVI format and HDCP 2.0 compliant
- (7) function key control and worldwide (4) EDID modes for HD-DVI resolutions
- Link speeds of up to 2.25Gbps (link clock rate of 225Mb Hz), Supports DVI 3D formats
- Wide range of HD resolutions from PC XGA/ XGA/WUXGA/DVI to WUXGA 1920x1200 and HDTV/DTV resolutions 480i/480p, 576i/576p, 720p, 1080i & 1080p
- Digital Video TMDS formats Resolution up to 1080p60 with Deep color 36-bit
- Various User Interface control:
  - Windows based GUI control via RS-232 port
  - Front Panel push button
  - IR wireless remote control
  - Ethernet interface series (switch control)
  - Third party RS-232 controller (via simple ASCII)
- Supports world wide control functions: ALL/OFF/RECALL/ENTER/MEMORY/ EDID/LOCK
- Support Embedded EDID modes :
  - Internal modes : FSS/1280x1024-60Hz/1920x1200-60Hz/Auto
  - External modes : Learning mode
- Automatic scanning input sources status via LED show on front panel
- Supports ISP function to update the new F/W via RS-232 port
- Supports IR Remote and IR Extender with distance up to ~ 984' (300M) Max
- Supports Rack Mount 1RU High 19in Rack Mount with rack mount (1U-440L)
- Supports Power Supply 12VDC, Universal Type 50/60Hz, 100~240 VAC

SPECIFICATIONS

- Type of DVI Switcher: (8)x DVI inputs To (8)x Outputs Matrix Switcher
- DVI Support: HD 1920x1200, H36-bit Deep color, 3D (HDMI 1.4a) formats
- HDCP / CEC Support: HDCP 2.0 Compliant, CEC Compliant.
- Video Bandwidth: Double Data Rates:340Mhz, Total 6.75Gbps bandwidth.
- Digital Video Support: HD resolution : 1920x1200 , HDMI 480i/p / 720p / 1080i /p
- Switch Controls:
  - 1x IR Remote Controller
  - 1x IR External port (OD 3.5mm Ear phone Jack)
  - 1x Select & Function buttons on front panel
  - 1x Ethernet serial interface
  - 1x RS-232 serial interface
- Ethernet Support: Ethernet serial interface (AP version 2.0)
- Source Status: Automatically Scan Sources Inputs via (4) LED show out
- Function Control Key: ALL / OFF / RECALL / ENTER / MEMORY / LOCK / EDID
- Infrared Frequency: 38 Khz
- IR External Distance: ~984 feet / 300M max
- DVI I/O Connector: DVI-D - (24+5) pin Female DIP Type
- Temperature: 32°F - 100°F Operation (0°C - 38°C)
- Rack Mount: 1RU High 19 in Rack Mount (with rack mount)
- Dimensions (LxWxH): 19 x 9.85 x 1.75 in (482x250x44 mm)
- Power Supply: DC12V / 5A, Universal world wide Type 50/60Hz, 100~240 VAC
- Power Consumption: 3880mA Max
- Safety Approvals: CE, FCC, REACH
- Product Weight: 3.55 Kgs / 7.81 lb

EXAMPLE



8X8 DVI MATRIX SWITCHER