Shinybow SB-3888 9x2 Multi Format Seamless Matrix Routing Switch Scaler with Optional 2nd Modular Output Slot

The SB-3888 is a professional 9x2 MultiVideo to HDMI-VGA -Video Matrix-PiP-PoP Selector Switch Scaler. Supporting (9) input sources (1) Composite Video/Stereo Audio, (1) Component Video/Stereo Audio, (2) VGA/Stereo Audio, (1) SDI, (4) HDMI and (2) group matrix outputs with (1) HDMI, (1) VGA, (1) Composite Video (NTSC/PAL), (1) Stereo Audio with audio equalizer) features that can be easily configured and controlled. Supports HDMI output resolutions up to 1080p with a signal bandwidth of 165MHz (1920x1200) and data rates up to 4.95Gbps with no signal degradation. The SB-3888 is HDMI 1.3 and HDCP 1.2 compliant, with CE and FCC certifications. Supports (3) matrixed PiP & PoP function modes. Control function keys in the Menu button have EDID, Resolution, TV Video system, IP Channel, COAX channel, ENMOTOR™ channel, Volume, Balance Audio control and switch System Reset, Zoom, Recall, Memory, Audio (Audio Breakaway) and Mute (HDMI audio) can be selected between (5) levels when using the PiP-PoP mode. The second output uses (1) optional modular card that supports (2) different signal types: HDMI (included with base model), HDBaseT™ (100M) and HDBaseT™ (100M HDMI over HDBaseT™). Input resolutions can be scaled up to 1080p or down to 480p. The analog audio output features Audio Equalizer (EQ) Treble, Surround, Flat, Classic, Rock, Pops, Jazz, 3D and Bass. Control is provided via front panel push buttons, IR remote, RS-232 or TCP/IP (not a web-browser).

- **Output-1st:** (1) HDMI, (1) VGA, (1) Composite Video (NTSC/PAL)
- **Output-2nd:** Base unit comes with HDMI/S/PDIF/Audio card standard. (2) Optional upgrade cards are available
    - **T-HDMI-A:** (1) HDMI, (1) S/PDIF, (1) Audio **(Base Model)**
    - **T-HDBT-100:** (1) HDBaseT™ Transmitter (100M), (1) IR (in/out), (1) RS-232 (Tx) **(Optional Upgrade)**
    - **T-HDBT-100P:** (1) HDBaseT™ Transmitter PoH (100M), (1) IR (in/out), (1) RS-232 (Tx) **(Optional Upgrade)**
- **Controls:** (1) IR, (1) RS-232, (1) Ethernet

2nd Channel Output Module Slot comes standard with the HDMI output card included. (2) optional output signal cards are available that offer different card signal types to customize this second output.

Features:

- The 9x2 Seamless MultiVideo Matrix Switch Scaler
- (9) source inputs to (2) display outputs Matrix, PiP, PoP Selector Switch Scaler
- (9) Input Sources: (1) Composite Video/Audio, (1) Component Video/Audio, (2) VGA/Audio, (1) SDI, (4) HDMI
- (2) Outputs supports Output-1: (1) HDMI, (1) VGA, (1) Video and Audio with EQ
- Modular Output-2: (1) Optional Modular Card slot (HDMI card included with base model)
- Supports Matrix (9x2), PiP (Picture in Picture) and PoP (Picture of Picture) function modes
- Link speeds up to 4.95Gbps (link clock rate of 165MHz), HDMI 1.3 and HDCP 1.2 compliant
- Digital Video TMDS formats resolution up to 1080p with Deep color 36bit
- Inputs Supported:
    - (1) Composite Video/Stereo Audio
    - (1) Component Video/Stereo Audio
    - (2) VGA/Audio
    - (1) SDI
    - (4) HDMI
- Outputs Supported:
    - (1) HDMI 1080P-60Hz
    - (1) VGA
    - (1) Composite Video (NTSC/ PAL/ PAL-M/ PAL-Nc)
    - (1) Stereo audio (AR/AL) with Audio equalizer
- Second Output: (1) Optional Modular card type
- Zoom management can be selected between (5) levels
- Swap functions to change the picture position on PiP or PoP mode
- Audio Breakaway function to select video source and another ports audio source
- Supports Audio Volume and Balance (0~100 levels) control function
- Remembers memory locations up to (9) addresses (9 source buttons)
- Mute function mutes HDMI Audio output
- Audio Equalizer: 1. By Pass, 2. Treble, 3. Surround, 4. Flat, 5. Classic,6. Rock, 7. Pops, 8. Jazz, 9. With 3D, 10. With Bass
- (16) Control Buttons: Menu/ Exit/ Matrix/ PiP/ PoP/ Audio/ Mute/ Enter/ Zoom/ Lock/ Reset/ Recall/ Memory
- Scaling Supported: Scaling down to 480p / Scaling up to 1080p
- Supports SDI 1080p-30Hz input to HDMI 1080p-30Hz Output
- HDMI cable distances for 1080p-60Hz up to 98 ft (30M)
- IR remote control Frequency (38KHz)
- Various User Interface Controls:
    - Windows based GUI via RS-232 interface control driver for 2000/XP/WIN7-32/WIN7-64/WIN8
    - Front panel push buttons
    - IR wireless remote control
    - Ethernet switch control
    - Third party RS-232 control (via simple ASCII)
- Power supply Universal Type switch 100~240VAC, 50/60Hz