Shinybow SB-5684K 8x4 HDMI UHD 4K2K Matrix Switcher w Full EDID Management

The SB-5684K is a professional 8x4 matrix routing switch. Supporting (8) HDMI Inputs and (4) HDMI outputs with (1) Preview output. The SB-5684K is based on HDMI standards and supports full resolution HDMI video with (7) embedded EDID so there is no signal degradation. High Definition digital signals can be selected and distributed from any of the (8) Inputs to the (4) outputs +(1) preview output. The switcher is fully CEC and HDCP 1.3 certified with HDMI 1.4a, 4K2K@30Hz, DVI 1.0, 3D formats. Wide frequency range of 25MHz~340 MHz for full HD and supports UXGA/WUXGA/DVI 1920x1200 resolutions to any HD display. The SB-5684K has 1x HDMI connector per Input, effectively making this an (8) in x (4+1) out switcher. The EDID management can be selected between (7) different modes. Control is provided via front panel push buttons, IR remote, RS-232 or TCP/IP (not a web-browser). A RS-232 Windows GUI interface is provided for matrix routing control (Windows only).

Features

- (8) HDMI source devices matrix switched to (4) HDMI +(1) output 1 preview output destinations
- HDMI digital video w/ embedded HDCP, DVI formats and CEC/HDCP 1.3 compliant
- Worldwide EDID control modes for HDMI full 4K2K (24/30 Hz) HD video resolutions
- Wide frequency range of 25MHz ~ 340MHz, Supports HDMI 4K2K, 1.4a 3D formats
- Wide range of HD resolutions from PC XGA to WUXGA 1920x1200 and HDTV/DTV HDMI resolutions 480i/480p, 576i/576p, 720p, 1080i/p & 4K2K (24/30Hz)
- Compatible with all HDMI source devices, PC monitors, Plasma HD display, HDTV and audio receivers or audio amplifiers
- Digital video TMDS formats resolutions up to 4K2K with Deep color 36-bit
- Using the build-in booster, each HDMI Output port is capable of driving cable lengths of up to 1080p up to 98 feet (30M) & 4K2K up to 66 ft (20M)
- Digital Audio Supports: Dolby TrueHD, Dolby Digital, Dolby Digital Plug/ex, DTS, DTS-HD, DTS-HD Master, DTS-EX, PCM, PCM2, LPCM2
- Various User Interface control:
  - Windows based GUI control via RS-232 interface 2000/XP/WIN7-32/WIN7-64/WIN8
  - Front panel push button
  - IR wireless remote control
  - Ethernet switch control
  - Third party RS-232 controller (via simple ASCII)
- Supports (7) world wide control function keys: Full function front panel controls: ALL / OFF / EDID / LOCK / RECALL / MEMORY / ENTER
- Supports EDID Modes:
  - Embedded EDID Modes: FSS/ H24-3D/ H24-3D-M/ H36-3D/ H36-3D-M/ 4K2K-3D / DVI-D 1920x1200-60Hz
  - External Modes: Learning mode-1 (Single Learning) & Learning mode-2 (Multiple Learning)
- Automatic scanning of input & output status via LCM display on the front panel
- Supports IR Remote and IR Extenders for a distance of up to ~984 feet (300M) Maximum
- Supports Universal power adaptor AC100V~AC240V, 50/60Hz