

Shinybow SB-5669CKP 16x16 4K2K PoE HDMI/HDBaseT Matrix Routing Switch w EDID

The SB-5669CKP is professional 16x16 matrix routing switch. Supporting (16) HDMI Inputs. Output supported (16) HDMI and (16) HDBaseT(PoE). The SB-5669CKP is based on the HDBaseT standard and supports full resolution HDMI Video with embedded EDID and PoE function, Audio, RS-232, Ethernet and bi-directional IR, all over a single CATx cable. With a signal bandwidth of 340Mhz, there is no signal degradation. High Definition Digital signals can be selected and distributed to any (16) Inputs to (32) outputs simultaneously (channel outputs mirrored). The switcher is certified as being fully CEC, ARC and HDCP 2.0 compliant, full HD 4K2K HDMI V1.4a 3D formats, data rates up to 6.75 Gbps. Supports UXGA/WUXGA/DVI 1920x1200 resolution to any HD displays. The SB-5669CKP has 1x HDMI and Auxiliary Audio (analog stereo audio) connector for input, effectively making this an 16 in x32 out switcher (same signal on both outputs). Using IR remote the switcher's HDBaseT Extender Transmitter (Tx) allows you to connect a source in a remote location. Likewise, the HDBaseT Output and our HDBaseT Receiver allows you to connect a display in a remote location. 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). An RS-232 Windows GUI interface is provided for matrix routing control (Windows only).

FEATURES

- (16)x HDMI player devices matrix switched to (16)x HDMI and (16)x HDBaseT Transmitter(PoE) output to (32)x destinations
- Application HDBaseT Specification Transmitter with PoH, IR, RS-232, Multi Audio Format and HD Video Signals over one CATx (6/6a/7) category cable
- HDMI digital Video w/ embedded HDCP, DVI format and CEC/HDCP 2.0 compliant
- Worldwide control EDID modes for HDMI full 4K2K (24/30 Hz) HD Video resolutions
- Link speeds of up to 6.75 Gbps (link clock rate of 340MHz), Support 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)
- Digital Video TMDS formats Resolution up to 4K2K with Deep color 36-bit
- Digital Audio Support:
 - Dolby TrueHD
 - Dolby Digital
 - Dolby Digital Plug/ex
 - DTS, DTS-HD
 - DTS-HD Master
 - DTS-EX
 - PCM, PCM2, LPCM2
- Audio Input: Support Standard HDMI Multi-Channel Audio (Digital audio)
- Audio Output:Support Standard HDMI Multi-Channel Audio (Digital audio)
- Various User Interface controls:
 - Windows based GUI control via RS-232 port
 - Front panel push button
 - IR wireless remote controller
 - Ethernet switch control
 - Third party RS-232 controller (via simple ASCII)
- Support world wide (7)x control function keys:
 - Full function front panel controls: ALL / OFF / EDID / LOCK / RECALL / MEMORY / ENTER
- Support EDID modes:
 - a. Embedded EDID modes: FSS/ H24-3D/ H24-3D-M/ H36-3D/ H36-3D-M/ 4K2K-3D / DVI-D 1920x1200-60Hz
- Automatic scanning input & output status via LCM show on front panel
- Using the build-in booster, each HDMI Output port is capable of driving cable lengths 1080p up to 98 feet (30M) & 4k2k up to 66 feet (20M)
- Support IR Remote and IR Extender with distance up to ~ 984 feet (300M) Maximum
- Support Universal power adaptor AC100V~240V, 50/60Hz