Shinybow SB-5669CK-8x35R4-Kit 16x16 4K UHD HDBaseT Matrix Switcher Kit/1 x SB-5669CK Switch/8 x SB-6335R4 Receivers

SB-5669CK-8x35R4-Kit includes: 1 x SB-5669CK (16x16 HDMI & HDBaseT - UHD 4K2K Matrix Routing Switch), 8 x SB-6335R4 (4-Play HDBaseT RECEIVER up to 330 Feet)

SB-5669CK - 16x16 HDMI & HDBaseT - UHD 4K2K Matrix Routing Switch

The SB-5669CK is professional 16x16 matrix routing switch. Supporting (16) HDMI Inputs and (16) HDMI Outputs & (16) HDBaseT™ Outputs. The SB-5669CK is based on HDBaseT™ standards and supports full resolution HDMI video with embedded HDCP, RS-232 and bi-directional IR, all over a single CAT6/6a/7 category 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 and HDCP 2.0 compliant with HDMI V1.4a, 4K2K, 3D formats and data rates up to 6.75 Gbps. Using the build-in booster, each HDMI output port is capable of driving cable lengths for 1080p up to 98 feet (30M) & 4K2K up to 66 feet (20M). Supports UXGA/WUXGA/DVI 1920x1200 resolution to any HD displays. The SB- 5669CK has (16) HDMI connector Inputs and (16) HDBaseT™ & (16) HDMI output, effectively making this an (16) in x (32) out switcher (same signal on both outputs). Using the HDBaseT™ output remote transmitter 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. EDID management can be selected between (7) different modes and 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:

- Enables switching of (16) HDMI digital source devices to (16) HDMI devices and (16) HDBaseT™ Transmitter outputs to (32) destinations
- **New IR Matrix Source Routing Control**
- HDBaseT™ specification with Bi-Directional IR, RS-232, Multi Audio Format and HD video signals over single CAT6/6a/7 category cable
- HDMI digital video w/ embedded HDCP, DVI format and CEC/HDCP 2.0 compliant
- Worldwide EDID control modes for HDMI full 4K2K HD video resolutions
- Link speeds of up to 6.75Gbps (link clock rate of 340MHz), Supports HDMI 1.4a , 4K2K & 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 displays, HDTV and audio receivers or audio amplifiers
- Digital video TMDS formats resolutions up to 4K2K with Deep color 36bit
- Digital audio support digital multi-channel audio: Dolby TrueHD, Dolby Digital, Dolby Digital Plug/ex, DTS, DTS-HD, DTS-HD Master, DTS-EX PCM, PCM2, LPCM2
- HDBaseT™ supported with IR Remote and RS-232 signals over a single CAT6/6a/ 7 category cable
- Various User Interface controls:
    - Windows based GUI control via RS-232 port
    - Front panel push button
    - IR remote control
    - Ethernet switch control (via PC protocol commands)
    - 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
    - Support EDID Modes:
        - a. Embedded EDID Modes: FSS (Fast Speed Start)/ H24-3D/ H24-3D-M/ H36-3D/ H36-3D- M/ 4K2K-3D / DVI-D 1920x1200-60Hz
        - b. External Modes: Learning mode (learning destination EDID link to source device)
- Automatic scanning input & output status via LCM showout on front panel
- Using the build-in booster, each HDMI output port is capable of driving cable lengths of 1080p up to 98 ft (30M) & 4K2K up to 66 ft (20M)
- Supports IR remotes and IR extenders for distances up to ~ 984 ft (300M) Maximum
- Supports Universal power adaptor AC100V~AC240V, 50/60Hz

SB-6335R4 - 4- Play HDBaseT RECEIVER up to 330 Feet

The SB-6355R4 HDBaseT™ Receiver can receive HDMI, IR in/out, RS-232 in/out and Ethernet signals from the HDBaseT™ Transmitter via a single category cable for long distances up to 328 feet (100M) maximum. The SB-6335R4 uses a single category LAN cable CAT6, CAT6a or CAT7 (UTP or FTP) with RJ-45 8P8C connectors and supports the 568a or 568b color specification table. This HDBaseT™ receiver provides higher quality full HD HDMI resolutions of 480i/p, 720p,1080i/p that are identical to the source and to the HD destination display. Controls and receives HDMI digital video, digital multi-channel audio signals, IR in/out, Bi-directional RS-232 series interface in or out and Ethernet series interface control via a single category cable from the HDBaseT™ Transmitter.

Inputs:

- 1x HDMI with Digital Video (TMDS) /Audio 0.5~1.0Vpp, DDC 5Vpp

Outputs:

- (1) RS-232
- (1) HDMI
- (1) IR EXT port

Features:

- HDBaseT™ HDMI Receiver over a single CAT6/6a/7 category LAN cable
- Extends for HDMI, IR in/out, RS-232 in/out and Ethernet ports, with HDCP compliant
- Uses CAT6, CAT6a and CAT7 UTP/FTP category cable
- Supports link speeds of up to 3.4Gbps
- Supports Digital RGB 36bits, V1.4a HDMI TMDS format
- Extends higher quality DVI video 1920x1200 resolutions
- Supports HD High Definition full range resolutions 480p, 720p 1080i/1080p
- Supports long distances up to 328 ft/100M between the HDBaseT™ Transmitter and the HDBaseT™ Receiver
- Supports wall mount pack and rack mount installations for 19 inch 4U rack mount
- Supports power DC input with low power consumption (Full load 850mA)
- Power supply universal power switch 50/60Hz, 100~240VAC