Shinybow SB-5669CK-16x35R-Kit 16x16 4K UHD HDBaseT Matrix Switcher Kit/1 x SB-5669CK Switch/16 x SB-6335R Receivers

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

- **Type of HDMI Switcher:** (16) HDMI Inputs to (16) HDMI & (16) HDBaseT™ Outputs Matrix Switcher
- **HDMI Support:** HDMI 4K2K, 1080p@60Hz, H36-bit Deep color, 3D of HDMI V1.4 formats
- **HDBaseT™ Support:** HDMI digital signals, bi- directional IR and RS-232 over single CAT6/6a/7 cable
- **HDCP/CEC Support:** HDCP 1.3 Compliant, CEC Compliant
- **Video Bandwidth:** Double Data Rates: 340MHz, total 6.75Gbps bandwidth
- **Digital Video Support:** HD: 480i/ 480p/ 720p/ 1080i/p and 4K2K up to 36bit deep color
- **Inputs: HDMI:** (16) HDMI (HDMI or DVI digital source)
- **Outputs:**
  - **HDMI:** (16) HDMI (To Destination)
  - **HDBaseT™:** (16) HDBaseT™ Transmitters via single category cable using RJ-45 connectors
- **HDMI Digital Multi-Channel Audio Support:** Multi Audio Formats 5.1 / 7.1, MAT(MLP), Dolby Digital, Dolby TrueHD, Dolby Digital Plus, DTS, DTS-ES 6CH, DTS-HD, DTS-HD-HRA, DTS-HD Master, (PCM-2CH)
- **Booster (HDMI Output Each):** *1080p up to ~98 ft (30M) & 4K2K up to ~66 ft (20M)
- **HDBaseT™ Control:**
  - **IR Control:**
    - (16) IR in (Sends IR signals to (16) rooms via a HDBaseT™ Transmitters)
    - (1) ALL IR in (Sends IR signals to (16) rooms via a HDBaseT™ Transmitter)
    - (16) IR out (Links IR signals to a Receive from (16) rooms via a HDBaseT™ Extenders)
    - (1) ALL IR out (Links IR signals to a Receive from (16) rooms via a HDBaseT™ Extenders)
  - **RS-232 I/O Control:**
    - (16) RS-232 I/O (RS-232 controls (16) rooms via a HDBaseT™ Extender Tx)
- **Switcher Controls:**
  - Select & Function buttons on front panel (Data status via LCM panel show out)
  - IR Remote Control (switch control) (p/n: SW-HD69CK)
  - (16) IR Room Remote Controls (switch control) (p/n: SW-HD69CK01~16)
  - IR External port (switch control via 3.5mm OD Jack)
  - RS-232 series interface (switch control)
  - Ethernet series interface (switch control)
- **Source Status:** Input status LEDs indicates presence of a live signal
- **(39) Function Control Key:** ALL / OFF / RECALL / ENTER / MEMORY / LOCK / EDID / Destination 1 thru 16 / Source 1 thru 16
- **(7) EDID Management:**
  - **Select Embedded EDID Modes:**
    - Mode1: Fast Speed Start® / Mode2: H24-3D / Mode3: H24-3D-M / Mode4: H36-3D / Mode5: H36-3D-M / Mode6: 4K2K-3D, PCM-2CH / Mode7: DVI-D 1920x1200
  - **Learning Mode:**
    - Select LEARNING mode-1: Learning single Destination EDID to Link Source
    - Select LEARNING mode-2: Learning multiple Destination EDID to Link Source
- **Infrared Frequency:** 38Khz
- **IR Extend Distance:** SB-100 (~984ft/300M maximum), SB-101 (~984ft/300M maximum)
- **HDBaseT™ Extender Distance:** ~328ft / 100M maximum
- **HDMI I/O Connector:** HDMI Type A-SMD 19-pin female type
- **Temperature:** Operate in a place between 32°F-100°F (0°C-38°C)
- **Dimensions (LxWxH):** 17.5 x 12 x 7 in
- **Rack Mount:** 4RU High 19 in Rack Mount #4U-440L (with rack mount ears)
- **Power Supply:** AC 100~240VAC 50/60Hz (Power Consumption:10A Maximum)
- **Safety Approvals:** CE, FCC, REACH
- **Weight:** 17.9 lb (Unit only) / 30.9 lb (Net)

SB-6335R - HDMI HDBaseT RECEIVER up to 330 Feet

- **Type of Extender:** HDBaseT™ Receiver for HDMI signal over one category LAN Cable
- **Input Signals:** HDMI with Digital Video (TMDS)/Audio 0.5~1.0Vpp, DDC 5Vpp
- **HDBaseT™ Supports:** HDMI Standard, DVI and HDCP Compliant
- **Video Supported:** HDMI and DVI TMDS format for 1920x1200 resolution up to 3.4Gbps Digital RGB 36bits deep color, 3D 1.4a HDMI format
- **HDMI Audio Out Supports:** Multi-channel Audio Formats 5.1 / 7.1, MAT(MLP), Dolby Digital, Dolby TrueHD, Dolby Digital Plus, DTS, DTS-ES 6.1, DTS- HD, DTS-HD-HRA, DTS-HD Master, (PCM-2CH)
- **RS-232 Series Supports:** (1) RS-232 series interface port (Terminal Block 3pin female socket)
- **Category Cable Supported:** CAT6, CAT6a, CAT7 UTP/FTP cable
- **Supports HDMI Resolutions:** 480p, 720p, 1080i/1080p, 4K2K
- **Scan Rate Accepted:** Supports HDMI full HD resolutions; Frequency 24Hz to 60Hz
- **Control:** (1) IR in/out, (1) IR in/out, (1) RS-232 and (1) LAN series interface
- **IR Infrared Frequency:** 38KHz

- **Extender Distance:** Up to 100M (CAT6)
- **Safety Approvals:** CE, FCC, VCCI, REACH & WEEE
- **Dimensions (LxWxH):** 3.15 x 5.12 x 1 in (80x130x26mm)
- **Rack Mount:** Use total 10 pcs installation into one 19 inch rack mount
- **Weight:** 0.325 kgs / 0.715 lb
- **Power Consumption:** Max 750mA (Full load 1080p-60Hz signal with use DC12V input)
- **Power Supply:** Power Input +12VDC, 2A, (Universal Type 50/ 60Hz, 100~240VAC)