

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

- Type of HDMI Switcher: 16x inputs To 16x Outputs HDMI over HDBaseT Matrix Switch
- HDMI Support: HDMI 4K2K, 1080P-@60Hz, H36-bit Deep color, 3D of HDMI V1.4 formats
- HDBaseT Support: bi-directional IR, RS-232, Multi format Audio, Ethernet and PoE. over one CATx cable
- PoH Support: HDBaseT Transmitter Power 48VDC Over category cable PoH supported
- HDCP / CEC Support: HDCP 2.0 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
- Video Input: 16x HDMI (HDMI or DVI digital source)
- Video Output: 16x HDMI (To Destination)
- Audio Output: 16x HDMI: 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)
- HDBaseT Control In:
  - 16x IR in (Send IR signals To 16x Rooms via HDBaseT Transmitter)
  - 1x ALL IR In (Send IR Signals To 16x Rooms - Via HDBaseT Transmitter)
- HDBaseT Control Out:
  - 16x IR out (Link to Receive IR signals from 16x Rooms via HDBaseT Extender)
  - 1x ALL IR out (Link to Receive IR signals from 16x Rooms via HDBaseT Extender)
- HDBaseT Control I/O:
  - 16x RS-232 I/O (Control 16x Rooms RS-232 via Switcher HDBaseT Extender Tx)
  - 2x LAN (Switch1~8 & 9~16 out port HDBaseT Transmitter Ethernets link to HDBaseT Receiver)
- Switch Controls:
  - 1x Select & Function buttons on front panel (Data status via LCM panel show out)
  - 1x IR Remote Controller (switch control)
  - 16x IR Room Remote Controller (switch control)
  - 1x IR External port (switch control via 3.5mm OD Jack)
  - 1x RS-232 series interface (switch control)
  - 1x Ethernet series interface (switch control)
- Source Status: Input status LEDs indicates presence of a live signal
- (39) Function Control Keys: 1. ALL, 2. OFF, 3. RECALL, 4. ENTER, 5. MEMORY, 6. LOCK, 7. EDID, 8. Destination button (1) thru (16), 9. Source button (1) thru (16)
- (7) EDID management:
  - Select Embedded EDID modes:
    - Fast Speed StartR, H24-3D, H24-3D-M, H36-3D, H36-3D-M, 4K2K-3D, PCM-2CH, DVI-D 1920x1200-60Hz
  - Learning Mode:
    - Select Single Learning mode-1 or Multiple Learning mode-2
  - Learning Destination EDID To Link Source
- Infrared Frequency: 38 Khz
- HDMI Booster: 1080p up to ~98 ft (30M) & 4K2K up to ~66 ft (20M)
- IR External Distance: ~984 ft/300M maximum
- HDBaseT Extender Distance: ~328 ft/100M maximum
- HDMI I/O Connector: HDMI Type A-SMD 19pin Female Type
- Temperature: Operating Temperature 32F-100F (0C-32C)
- Dimensions(LxWxH): 19 x 9.85 x 6.92 in (482x250x88mm)
- Rack Mount: 2RU High 19in Rack Mount #4U-440L (with rack mount)
- Power Supply: AC 100~240 VAC 50/60Hz (Power Consumption: 10A Maximum)
- Safety Approvals: CE, FCC, REACH
- Product Weight: 6.35 Kgs/10.585 lb