

Shinybow SB-5688CK 8x8 HDMI HDBaseT UHD 4k2k Matrix Routing Switch w/ EDID

- Type of HDMI Switcher: 8x Inputs to 8x Outputs HDMI over HDBaseT Matrix Switch with Single CATx
- 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 optional PoH (via the SB-5688CAP), over one CATx cable
- 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
- Inputs: 8x HDMI (HDMI or DVI digital source)
- Video Outputs:
 - HDMI: 8x HDMI (to Destination)
 - HDBaseT: 8x HDBaseT Transmitter with optional PoH (via the SB-5688CAP) over a CATx cable & RJ-45 connector
- HDBaseT Control Inputs:
 - 8x IR in (Send IR signals To 8x Rooms via HDBaseT Transmitter)
 - 1x ALL IR in (Send IR Signals To 8x Rooms - Via HDBaseT Transmitter)
- HDBaseT Control Outputs:
 - 8x IR out (Link to Receive IR signals from 8x Rooms via HDBaseT Extender)
 - 1x ALL IR out (Link to Receive IR signals from 8x Rooms via HDBaseT Extender)
 - 1x All Tx LAN (All switcher HDBaseT Transmitter Ethernet link to HDBaseT Receiver)
- HDBaseT Control I/O:
 - 8x RS-232 I/O (Control 8x Rooms RS-232 via switcher HDBaseT Extender Tx)
- Switcher Controls:
 - 1x Select & Function buttons on front panel (Data status via LCM panel show out)
 - 1x IR Remote Controller (switch control)
 - 8x 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.
- (25)Function Control Key: 1. ARC, 2. AUX, 3. ALL, 4. OFF, 5. RECALL, 6. ENTER, 7. MEMORY, 8. LOCK, 9. EDID, 10. Destination button 1 thru 8, 11. Source button 1 thru 8
- (8) EDID management:
 - Select Embedded EDID :
 - Mode1: FSS
 - Mode2: H24-3D
 - Mode3: H24-3D-M
 - Mode4: H36-3D
 - Mode5: H36-3D-M
 - Mode6: 4K2K-3D, PCM-2CH
 - Mode7: DVI-D 1920x1200-60Hz
 - Mode8: AUTO
 - Select LEARNING Mode: Learning Destination EDID to Link Source
- Infrared Frequency: 38 Khz
- IR External Distance: ~984 ft / 300 m maximum
- HDBaseT Extender Distance: ~328 ft / 100 m maximum
- HDMI I/O Connector: HDMI Type A - SMD 19pin Female Type
- Temperature: 32F - 100F Operation (0C - 38C)
- Dimensions (LxWxH): 19 x 9.85 x 3.5 in (482mm x 250mm x 88mm)
- Rack Mount: 2RU High 19 in Rack Mount #2U-440L (with rack mount)
- Power Supply: AC 100~240 VAC 50/60Hz (Power Consumption: 10A Maximum)
- Safety Approvals: CE, FCC, RoHS, REACH
- Product Weight: 3.75 Kgs / 6.25 lb