

## Shinybow SB-5684K 8x4 HDMI UHD 4K2K Matrix Switcher w Full EDID Management

- **Type of HDMI Switcher:** (8) Inputs to (4+1) Outputs HDMI Matrix Routing Switch
- **HDMI Support:** HDMI 4K2K@30Hz, 1080p@60Hz, H36-bit Deep color, 3D of HDMI V1.4 formats
- **HDCP / CEC Support:** HDCP 1.3 Compliant, CEC Compliant
- **Video Bandwidth:** Wide frequency 25MHz ~ 340Mhz
- **Digital Video Support:** HD: 480i/ 480p/ 720p/ 1080i/p and 4K2K up to 36bit deep color
- **Video Inputs:** 8x HDMI (HDMI or DVI digital source)
- **Video Outputs:** 4x HDMI: With Booster output 1080p up to 98 feet (30M) & 4K2K up to 66 feet (20M)
- **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)
- **Preview Output:** (1) Preview output (same as output #1)
- **Switch Controls:**
  - 1x Select & Function buttons on front panel (Data status via LCM panel show out)
  - 1x IR 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
- **(18) Function Control Keys:** 1. ALL, 2. OFF, 3. RECALL, 4. ENTER, 5. MEMORY, 6. LOCK, 7. EDID, 8. Destination button 1 thru 4, 9. Source button 1 thru 8
- **(7) EDID management:**
  - **1. Select Embedded EDID Modes:** 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
  - **2. Select LEARNING Mode:** Learning Destination EDID to Link Source
- **Infrared Frequency:** 38 Khz
- **IR External Distance:** ~984 feet / 300M maximum
- **Video Booster:** HDMI output 1080p lengths up to 98 feet (30M) / 4K2K up to 66 feet (20M)
- **HDMI I/O Connector:** HDMI Type A - SMD 19pin female Type
- **Temperature:** 32°F - 100°F Operation (0°C - 38°C)
- **Dimensions (LxWxH):** 19 x 9.85 x 1.73 in (482x250x44mm)
- **Rack Mount:** 1RU High 19in Rack Mount #1U-440L (with rack mount)
- **Power Supply:** Power Input: AC 100~240 VAC 50/60Hz (120V/0.5A/60W; 220V/0.27A/60W)
- **Safety Approvals:** CE, FCC, RoHS, REACH
- **Product Weight:** 3.25 Kgs / 7.15 lb