

BG-UM-88ANS

8X8 4K UHD HDMI Matrix Switcher with Audio De-embedded Outputs

The BG-UM-88ANS is an 8x8 4K HDMI matrix switch, supporting resolutions up to 4K@60Hz 4:4:4 is HDCP 1.4 & 2.2 compliant. Featuring 8 HDMI 2.0b inputs and 8 HDMI 2.0b outputs, this device offers 18Gbps uncompressed bandwidth on all HDMI ports.

This matrix can quickly route any of the eight inputs to any of the eight outputs utilizing either the front panel menu, IR remote control, RS-232, or web interface. The control software, connected via RS-232 or the web interface, allows full control with the ability to adjust advanced features including mapping, network settings, and EDID management for easy integration.

FEATURES

- Compliant with HDMI 2.0b, HDCP 2.2, HDCP 1.4
- Supports resolutions up to 4K@60Hz 4:4:4 HDR
- Supports LPCM, Dolby TrueHD, and DTS-HD Master Audio
- Each HDMI output features a digital coax audio output
- Features smart EDID management for easy integration
- Front panel, IR, RS-232, CEC, Web UI



Specifications

Technical

HDMI Compliance: HDMI 2.0b

HDCP Compliance: HDCP 2.2 and HDCP 1.4

Video Bandwidth: 18Gbps

Video Resolutions: Up to 4K2K@50/60Hz (YUV 4:4:4), 4K2K@30Hz, 1080p@120Hz, and 1080p 3D@60Hz

Color Depth: 8-bit, 10-bit, 12-bit

Color Space: RGB, YCbCr 4:4:4, YCbCr 4:2:2

HDMI Audio Formats: LPCM 2/5.1/7.1, Dolby Digital, DTS 5.1, Dolby Digital+, Dolby TrueHD, DTS-HD Master Audio, Dolby Atmos, DTS:X

Audio Formats: PCM2.0, 32K/44.1K/48K/88.2K/96K/192K, 16/20/24bit

ESD Protection: Human-body Model: 38kV (Air-gap discharge), 34kV (Contact discharge)

Connections

Inputs: 8x HDMI Type A [19-pin female] 1x LAN [RJ45, Control] 1x RS-232 [9-pin D-sub, Control] 1x IR EXT [3.5mm Stereo Mini-jack]

Outputs: 8x HDMI Type A [19-pin female] 8x Coaxial Audio [RCA]

Mechanical

Housing: Metal Enclosure

Color: Black

Dimensions: 19.0" (W) x 1.0" (D) x 1.8" (H) [483mm (W) x 253mm (D) x 44.5mm (H)]

Weight: 7.39lbs [3.35kg]

Power Supply: Input: AC100-240V 50/60Hz; Output: DC12V/3A (US/EU standards, CE/FCC/UL certified)

Power Consumption: 26.5W (max)

Operating Temperature: 32°F ~ 104°F / 0°C ~ 40°C

Storage Temperature: -4°F ~ 140°F / -20°C ~ 60°C

Relative Humidity: 20-90% RH (non-condensing)

Industry-Leading Warranty & Support

BZBGear Pro AV products and Cameras come with a three-year warranty. An extended two-year warranty is available for our Cameras upon registration for a total of five years.

We pride ourselves in our Customer Service and seven-days-a-week Tech Support.

