BZB**2**GEAR®

BG-UHD-44M

4X4 4K 60Hz HDR HDMI Matrix Switcher with Auto Downscaling and RS-232/IP/Cloud

With four HDMI 2.0a inputs and four HDMI 2.0a outputs, the BG-UHD-44M 4K HDMI matrix switch allows users to share up to four HDMI sources with up to four displays. Professional-grade picture and audio quality are achieved with support for 4K resolutions and a variety of high quality audio formats.

The BG-UHD-44M offers multiple methods of control, including front panel controls, IR remote control, RS-232, or IP control. The included IR receiver allows the unit to be controlled with the included remote while located out of sight for a clean installation.

FEATURES

• Supports resolutions up to 4K@60Hz 4:4:4

• Front panel buttons, IR, RS-232, IP, and GUI

• Supports downscaling from 4K to 1080P

• Advanced EDID management for rapid integration of sources and displays

• 18Gbps video bandwidth

• HDCP 2.2- HDCP 2.2/HDCP1.x and DVI compliant

• HDMI 2.0a; HDR support

• Supports xvYCC, x.v.Color, & Deep Color

• 4x4 Matrix: Route any of the 4 inputs to any of the 4 outputs

• Supports Dolby Digital, DTS-HD, and Dolby TrueHD

• Firmware updateable

• Simultaneously display any source on multiple displays

Role of usage: True 4x4 matrix

HDMI compliance: HDMI 2.0a

HDCP compliance: HDCP 2.2 / 1.4

Video bandwidth: Single-link 600MHz [18Gbps]

Video support: HDR 4K2K@60(4:2:0 10bits) / 4K2K@60 (4:4:4 8bits)

Audio support: DTS-HD Master Audio, Dolby TrueHD Dolby Digital, DTS, DVD-Audio, LPCM, SACD, MPCM

ESD protection: Human body model — 315kV [air-gap discharge] & 38kV [contact discharge]

PCB stack-up: 6-layer board [impedance control — differential 100ff; single 50ff]

Firmware update: Feasible via Micro-USB and RS-232 port

Input: 4x HDMI / 1x RS-232 / 1x Ethernet / 1x IR socket for IR receiver

Output: 4x HDMI

HDMI Input selection: Push-in button/ IR remote control/ RS-232 control/ IP control/ Cloud control

IR remote control: Electro-optical characteristics: = 25° / Carrier frequency: 38kHz

HDMI connector: Type A [19-pin female]

RJ-45 connector: WE/SS 8P8C(Reverse Mode)

RS-232 connector: DE-9 [9-pin D-sub female]

USB connector: Micro USB

3.5mm connector: IR receiver / IR blaster

MECHANICAL

Housing: Metal enclosure

Dimensions (L x W x H): Model: 1'1" x 4.8" x 1.7" [340 x 123 x 44mm]; Package: 1'6" x 8.9" x 2.8" [494 x 225 x 70mm]; Carton: 1'7" x 1'2" x 10" [510 x 380 x 252mm]

Weight: Model: 2.6 lbs [1181g]; Package: 4 lbs [1837g]

Fixedness: Wall-mounting case

Power supply: 5V 4A DC

Power Consumption: 12 Watt [max]

Operation temperature: 32~104°F / 0~40°C

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

Relative humidity: 20~90% RH [no condensation]

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.

Pro AV
3 Year Warranty

Cameras
5 Year Warranty

Lifetime Product Support

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