



## BG-MVS4X4-4KL

### 4X4 4K UHD HDMI VIDEO WALL PROCESSOR AND SEAMLESS MATRIX SWITCHER

The BG-MVS4X4-4KL 4K60 4:4:4 HDMI matrix is a versatile high-speed matrix switcher and video wall processor with multiple applications. This system can be configured for two different output modes, serving as a 4x4 seamless matrix switcher or as a 2x2, 4x1, or 1x4 video wall solution, among other possibilities.

Additionally, it is equipped with a web browser interface module for convenient control and configuration when used either as a standalone device or in conjunction with a third-party control system. Control options include front-panel push buttons, an IR remote control, RS-232 interface, and TCP/IP connectivity.



## FEATURES



### COMPLIANT

HDMI 2.0b, HDCP 2.2 and HDCP 1.4



### 2 OPERATIONAL MODES

4x4 Matrix (seamless switch), Video wall (2x2, 4x1 or 1x4 etc configuration)



### AUDIO FORMATS

Support LPCM, DD, DD+, DTS, Dolby TrueHD, DTS HD-master pass-through



### ADVANCED EDID MANAGEMENT

Seamless communication between sources and displays



### WEB INTERFACE MODULE

For control and configuration of Matrix



### CONTROL OPTIONS

Control via front panel, IR, RS-232, and TCP/IP



## TECH SPECIFICATIONS

### Technical

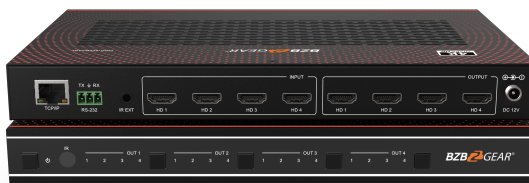
|                    |  |
|--------------------|--|
| HDMI Compliance    | HDMI 2.0b  |
| HDCP Compliance    | HDCP 2.2/1.4   |
| Video Bandwidth    | 594MHz/18Gbps  |
| Video Resolution   | <b>Input:</b> VGA-WUXGA (up to 1920x1200@60Hz), 480i-4K (3840x2160@60Hz 4:4:4, 4096x2160@60Hz 4:4:4)<br><b>Output:</b> 4096x2160p60, 4096x2160p50, 3840x2160p60, 3840x2160p50, 3840x2160p30, 1920x1080p60, 1920x1080p50, 1920x1080i60, 1920x1080i50, 1920x1200p60rb, 1360x768p60, 1280x800p60, 1280x720p60, 1280x720p50, 1024x768p60, auto |
| Color Space        | RGB, YCbCr 4:4:4/4:2:2, YUV 4:2:0  |
| Color Depth        | 8/10/12-bit  |
| IR Level           | 12Vp-p   |
| IR Frequency       | 38KHz  |
| HDMI Audio Formats | LPCM, Dolby Digital/Plus/EX, Dolby True HD, DTS, DTS-EX, DTS-96/24, DTS High Res, DTS-HD Master Audio  |

### Connection

|         |  |
|---------|--|
| Inputs  | 4 x HDMI Type A [19-pin female]  |
| Outputs | 4 x HDMI Type A [19-pin female]  |
| Control | 1 x RS-232 [3pin-3.81mm phoenix connector]<br>1 x TCP/IP [RJ45]<br>1 x IR EXT [3.5mm Stereo Mini-jack] |

### Mechanical

|                       |   |
|-----------------------|---|
| Housing               | Metal Enclosure   |
| Color                 | Black   |
| Dimensions            | 11in (W) x 6.5in (D) x 1.2in (H) [270mm (W) x 166mm (D) x 30mm (H)]                       |
| Weight                | 2.6 lbs [1165g]   |
| Power Supply          | Input: AC 100 - 240V 50/60Hz<br>Output: DC 12V/2.5A (US/EU standard, CE/FCC/UL certified) |
| Power Consumption     | 19.56W (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.

