This HDMI matrix video wall controller enables operators to seamlessly switch signals from four HDMI sources to four HDMI displays. Users can also combine the 4 outputs to create a 2x2 video wall display. The BZ-MVS4X4-4K is good for anyone looking to control multiple video sources on multiple displays or to create exciting video walls for a variety of purposes.

This matrix can handle resolutions up to 4K2K@60Hz (4:4:4) on all HDMI ports. It also supports high-speed video bandwidth at a maximum rate of 18Gbps. The BZ-MVS4X4-4K is also compliant with HDMI 2.0 and HDCP 2.2.

AVAILABLE IN AN 8X8 MODEL:

BZ-MVS8X8-4K

FEATURES

• Video Wall Processor: Spread a Source Across Multiple Displays
• Supports resolutions up to 4K@60Hz 4:4:4
• Front Panel, TCP/IP, RS-232, IR remote, PC Software
• HDMI 2.0, HDCP 2.2 compliant
• Audio Embedding and De-Embedding Supported
• Color space: RGB, YCbCr 4:4:4, YCbCr 4:2:2
• Support audio matrix and IR matrix functions
• Support 18 Gbps video bandwidth
• Seamless matrix switching and video wall processing functions
• External L/R audio insert on HDMI streams
• CEC, EDID management
**Specifications**

**TECHNICAL**
HDMI Compliance: HDMI 2.0  
HDCP Compliance: HDCP 2.2  
Video Bandwidth: 18Gbps  
Video Resolution: Up to 4K @ 60Hz 4:4:4  
Color Space: RGB, YCbCr 4:4:4/4:2:2  
HDMI Amplitude: T.M.D.S +/- 0.4Vpp  
Differential Impedance: 100Ω±15ohm  
ESD Protection: Human-body Model: 38kV (Air-gap discharge), 34kV (Contact discharge)

**RS232/ETHERNET CONTROL**
Baud rate and Protocol: Baud rate: 9600, data bit: 8; Stop bit: 1, no parity checking  
Ethernet: IE10.0+, HTML5

**MECHANICAL**
Housing: Metal Enclosure  
Color: Black  
Dimensions: 17” (W) x 8.7” (D) x 1.7” (H) [430mm (W) x 220mm (D) x 44mm (H)]  
Weight: 11 lbs [5kg]  
Power Supply: AC 110 - 240V  
Power Consumption: 60W (Max)  
Operating Temperature: 32°F - 104°F / 0°C - 40°C  
Storage Temperature: -4°F - 158°F / -20°C - 70°C  
Relative Humidity: 10%-50% 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.