

BZ-MVS4X4-4K

4X4 4K UHD 18Gbps HDMI Video Wall Processor & Seamless Matrix Switcher w/ Scaler, IR, & Audio

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



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: 100315ohm

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.

