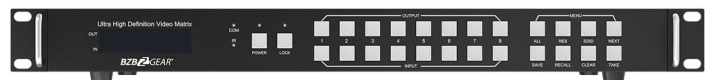# BZB**2**GEAR®

BZ-MVS8X8-4K
8X8 4K UHD 18Gbps HDMI Video Wall Processor & Seamless Matrix Switcher w/ Scaler, IR and Audio

This 8x8 HDMI video wall processor is an incredible tool for anyone seeking a matrix switcher that can support eight inputs and eight outputs. The device can also support a single video wall using up to six 1080p@60Hz displays over HDMI. This enables commercial-grade video walls with 4K HDR quality.

This switcher enables operators to create video walls in 2x2, 3x2, and 2x3 layouts. The superior connectivity features and image quality of the BZ-MVS8X8-4K make it an incredible choice for those looking to create beautiful video walls for advertising, events, and more.

FEATURES

• Up to 8 HDMI inputs and 8 HDMI outputs

• 4K2K can be divided and displayed on 4 or 6 1080p

  displays (2x2, 3x2, 2x3 layouts)

• HDMI video output resolutions up to 3840x2160@60Hz

• Seamless matrix switching

• Audio De-embedding

• External LR audio insert on HDMI stream

• HDMI 2.0/HDCP 2.2 compliant

• Control through front panel, RS232, TCP/IP

• 18Gbps bandwidth

• IR matrix routing

• Auto/manual EDID management

• Save/recall matrix scenes

• PC tool needs no installation

Electrical parameters

Interface: HDMI-A

HDMI /DP /VGA Version: HDMI2.0, HDCP2.2

Bandwidth: 18Gbps

Video Resolution

Input: 800x600@60Hz, 1024x768@60Hz, 1280x768@60Hz, 1280x800@60Hz, 1280x1024@60Hz,1360x768@60Hz, 1366x768@60Hz, 1400x1050@60Hz, 1440x900@60Hz, 1600x1200@60Hz, 1680x1050@60Hz, 1920x1200@60Hz. 480p,576p,720p,1920x1080i,1920x1080p, 3840x2160@24Hz/25Hz/30Hz/50Hz/60Hz, 4096x2160@24Hz/25Hz/30Hz/50Hz/60Hz

Output: 1920x1080@60Hz, 3840x2160@30Hz, 3840x2160@60Hz, 1280x720@60Hz, 1024x768@60Hz, 1360x768@60Hz, 1600x1200@60Hz, 1920x1200@60Hz

HDMI Amplitude: T.M.D.S +/- 0.4Vpp

Differential impedance: 100315ohm

RS232/Ethernet control

Baud rate and protocol: Baud rate: 9600, data bit: 8; stop bit: 1, no parity checking

Ethernet: IE10.0+, HTML5

Power

Max Consumption: 100W, 110-240VAC

Matrix Mechanical dimensions

Size(mm): 17"(L) x 11.8"(W) x 1.7"(H) [430(L) x 300(W) x 44(H) mm]

Weight: 11 lbs [5kg]

Other

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

Storage temperature: -4°F ~ 158°F / -20°C ~ 70°C

Permissible humidity: 10%-50%

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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