

BG-UHD-VW24**4K UHD HDMI 2.0 2X2 Video Wall Processor
with HDCP 2.2 and IP/RS232 Control**

The BG-UHD-VW24 is a 2x2 4K@60Hz video wall processor. Equipped with two HDMI inputs, two HDMI loop outs, and four 1080p@60Hz HDMI outputs with PIP functionality, it is an ideal solution for retail signage, entertainment venues, sports bars, and restaurants.

Boasting multiple control methods (PC Utility, RS-232, HDMI CEC, or browser interface), this versatile unit integrates well with nearly any combination of equipment.

Synergetic Technologies

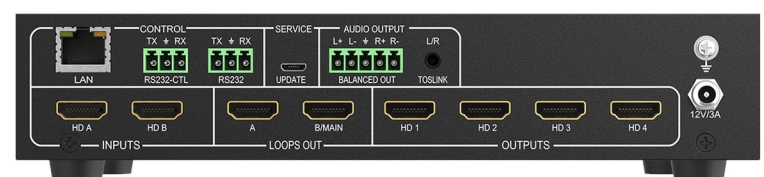
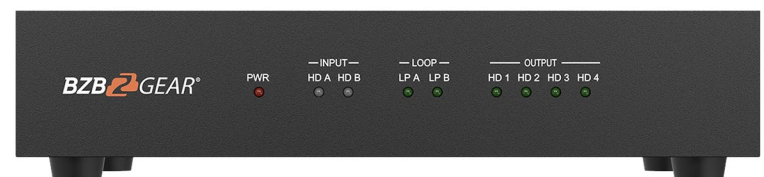
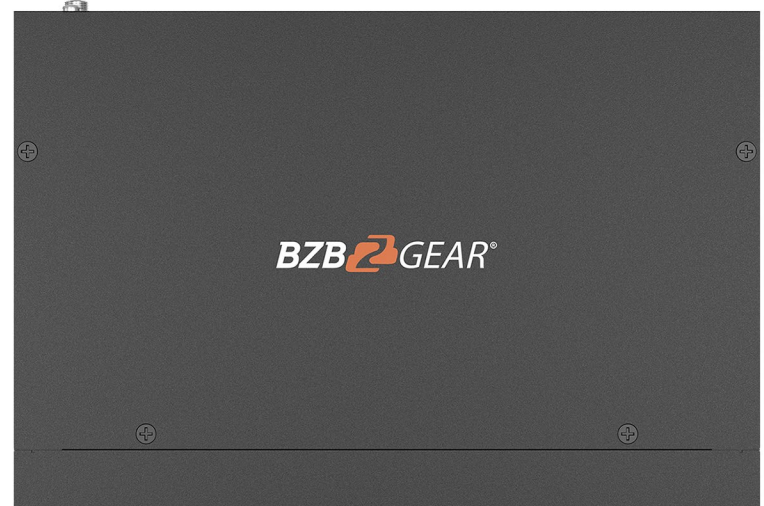
- Input up to 4K@60Hz
- Video wall resolutions up to 3840x2160@60Hz
- HDMI 2.0 and HDCP 2.2 compliant
- Human-body model ESD protection
- Easily upgradable firmware
- 2.0 channel, 5.1 channel, LPCM, Dolby, AC3, and DTS audio

Versatility and Flexibility

- 180° image rotation
- Dual-mode bezel compensation
- PIP supported on video walls

Connections and Control

- 2x HDMI inputs, 2x HDMI loop outs, 4x HDMI outputs
- Multiple control options: TCP/IP, RS-232, HDMI CEC, and PC Software
- Supports CEC control through PC Tool or line commands
- Baud rate: 57600; data bit: 8; Stop bit: 1, no parity
- Audio outputs: 3.5 mm and balanced analog
- Dual HDMI loop outs
- Loop out the HDMI A/B signal for devices connected to each output



Specifications

Technical

HDMI Compliance	HDMI 2.0	
HDCP Compliance	HDCP 2.2/1.4	
RS-232	Baud rate: 57600, data bit: 8, Stop bit: 1, no parity	
Input Video Formats	4096x2160p 24/25/30/50/60Hz 3840x2160p 24/25/30/50/60Hz 1080p 24/25/30/50/60Hz 1080i 50/60Hz 1920x1200 60Hz 1680x1050 60Hz 1600x1200 60Hz 1440x900 60Hz	1400x1050 60Hz 1366x768 60Hz 1360x768 60Hz 1280x1024 60Hz 1280x960 60Hz 1280x800 60Hz 1024x768 60Hz 1280x720p 50/60Hz
Audio Format	2.0 channel, 5.1 channel, LPCM, Dolby, AC3, DTS	
ESD Protection	Human-body Model: ±8kV (Air-gap discharge), ±4kV (Contact discharge)	

Mechanical

Housing	Metal Enclosure
Color	Black
Dimensions	218mm(W) x 146mm(D) x 43mm(H)
Weight	2Kg
Supply Voltage	+12V/3A
Power Consumption	25W (Max)
Operating Temperature	0°C ~ 40°C / 32°F ~ 104°F
Storage Temperature	-20°C ~ 70°C / -4°F ~ 158°F
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.

Pro AV 3 Year Warranty	Cameras 5 Year Warranty	Lifetime Product Support
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