



BG-UHD-VW29

4K UHD HDMI 2.0 3x3 Video Wall Processor
with HDCP 2.2 and IP/RS232 Control

The BG-UHD-VW29 is a 3x3 4K video wall processor. Equipped with two HDMI inputs, two HDMI loop outs, and nine 1080p60 HDMI outputs with PIP function, 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, 9x HDMI outputs
- Multiple control options: TCP/IP, RS-232, HDMI CEC, and PC Software
- Baud rate: 57600; data bit: 8; Stop bit: 1, no parity
- Audio outputs: 3.5mm and balanced analog
- Dual HDMI loop outs
- Supports CEC control through PC Tool or line commands
- Loop out the HDMI A/B signal for devices connected to each output



Specifications

General

HDMI Version	HDMI 2.0, 18Gbps
HDCP Compliance	HDCP 2.2 and HDCP 1.4
RS232	57600 baud, 8 data bits, 1 stop bit, no parity

Video and Audio

Input Video Formats Supported	1024x768@60, 1280x800@60
	1280x1024@60, 1280x960@60
	1360x768@60, 1366x768@60
	1440x900@60, 1400x1050@60
	1600x900@60, 1600x1200@60
	1680x1050@60, 1920x1200@60
	480p@60, 576p@50
	720p@50, 720p@60
	1080i@50, 1080i@60
	1080p@24, 1080p@25
	1080p@30, 1080p@50
	1080p@60, 3840x2160@24
	3840x2160@25, 3840x2160@30
	3840x2160@50, 3840x2160@60
4096x2160@24, 4096x2160@30	
4096x2160@50, 4096x2160@60	

Audio Format Supported	2.0 channel, 5.1 channel
	LPCM, Dolby, AC3, DTS

Power Supply

Power Consumption	70W max.
Supply Voltage	110-220 VAC

Environmental and Physical

Operating Temperature Range	0°C to +40°C (+32°F to +104°F)
Operating Humidity Range	10 to 50% RH (non-condensing)
Dimensions	L430 x W220 x H44 mm
Mass (Main Unit)	5kg

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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