



BG-UHD-VW29

4K UHD HDMI VIDEO WALL PROCESSOR/SWITCHER
WITH IP/AUDIO/RS-232 FOR UP TO 9 TVs

Introducing the BG-UHD-VW29 HDMI 2.0 video wall controller from BZBGEAR, an innovative solution for all your video wall processing needs. This powerful controller features 2 HDMI inputs and 2 HDMI loop outs, as well as 9 HDMI scaling outputs, providing seamless and efficient video processing.

With support for resolutions up to 3840x2160@60Hz, this HDMI 2.0 device ensures stunning video quality and optimal viewing experience. The BG-UHD-VW29 also supports HDCP 2.2, ensuring that it is fully compatible with the latest content protection standards.

The BG-UHD-VW29 is controllable via PC software, webGUI, and RS232, giving users the freedom to choose the most convenient control option. The device also includes a de-embedding audio feature, which allows audio to be sent to an Analog L/R audio output via 3.5mm Stereo Jack or a balanced audio output port using a 5-pin phoenix connector.



FEATURES



HIGH RESOLUTION INPUTS

Inputs Support Up To 4K@60Hz



THIRD PARTY CONTROL

Options Include TCP/IP, RS-232, HDMI CEC, and PC Software



HDCP 2.2

High-Bandwidth Digital Content Protection Supported



MULTIPLE INPUTS

Supports up to two HDMI inputs



AUDIO EXTRACTION

3.5mm and Balanced Analog Audio Outputs



VERSATILE

180° Rotation and Dual-Mode Bezel Compensation



TECH 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 Form	Input Video Formats Supported	Output Video Formats Supported
	1024x768@60	1080i@50
	1280x800@60	1080i@60
	1280x960@60	1080p@25
	1366x768@60	1080p@50
	1400x1050@60	3840x2160@24
	1600x1200@60	3840x2160@30
	1920x1200@60	3840x2160@60
	576p@50	4096x2160@30
	720p@60	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	+32°F to +104°F / 0°C to +40°C
Operating Humidity Range	10 to 50% RH (non-condensing)
Dimensions	L17.0" x W8.7" x H1.7" [L430 x W220 x H44 mm]
Mass (Main Unit)	11lbs [5kg]



Limited Product Warranty Terms

Pro Line: 5-year warranty from the date of purchase for AV/Broadcasting products bought on or after August 1, 2024.

Essential Line: 3-year warranty from the date of purchase for AV/Broadcasting products bought on or after August 1, 2024.

Cables: Lifetime Limited Product Warranty.

For complete warranty information, please visit bzbgear.com/warranty.
For questions, please call 1.888.499.9906 or email support@bzbgear.com.

Pro Line Products
5-YEAR WARRANTY



Essential Line Products
3-YEAR WARRANTY

Cables Products
LIFETIME WARRANTY