



BG-UHD-VW2X2

**2X2 4K 60Hz HDMI Video Wall Controller
with Audio**

Video wall creation just got easier! The BG-UHD-VW2X2 video wall processor supports 4K@60Hz 4:4:4 input resolutions and features four 1080p@60Hz HDMI video wall outputs. This unit requires almost no configuration. Connect your devices, select your layout, and adjust for bezel correction in 3 simple button presses.

Designed for simplicity and efficiency, the BG-UHD-VW2X2 is an affordable, easy-to-use, 4K video wall solution.

Synergetic Technologies

- Input up to 4K@60Hz 4:4:4
- Output up to 1080p@60Hz on each display
- Video wall processor: spread a source across multiple displays
- Supports AUX and SPDIF audio extraction
- HDCP 2.2 compatibility
- Mirror mode available (2x2 only)
- Edge shielding functions

Versatility and Flexibility

- Choose from a variety of video wall configurations: 1x1, 2x2, 1x2 (H), 1x3 (H), 1x4 (H), 2x1 (V), 3x1 (V), 4x1 (V)
- Plug and play unit
- 180° output rotation for installations with inverted displays

Connections and Control

- HDMI loop-out: additional local display connectivity
- Multiple control options: front panel, IR remote, RS232
- Audio de-embedding: 1 x RCA, 1 x TOSLINK; provide extraction for connecting external sound systems
- Free broadcasting management software



Specifications

HDMI resolution	Input: Up to 4k@60Hz 4:4:4 Loop Out: Up to 4k@60Hz 4:4:4 Video Wall Output: Up to 1080p@60Hz
HDMI version	HDMI2.0, HDCP2.2
Support video color format	36-bit Deep Color all channels maximum
Audio output	HDMI: PCM 2CH L\R: Stereo audio Toslink: PCM 2CH
Max bandwidth per channel	600MHz
Max baud rate per display	18Gbps (Input)
Input/Output TMDS signal	0.5~1.5V p-p (TTL)
Input/Output DDC signal	5V p-p (TTL)
Input cable distance	≤16ft/ 5m 24 AWG HDMI high speed Cable at 1080P@ 60Hz
Output cable distance	≤50ft/15m 24 AWG HDMI high speed Cable at 1080P@ 60Hz
Operating Temperature range	5°F to 131°F / -15°C to 55°C
Operating Humidity range	5% to 90% RH (No Condensation)
Max working current	1A
External Power Supply	DC12V/2A

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.

The graphic consists of three dark grey rectangular boxes. The first box on the left contains the text 'Pro AV' in a small white font above a large white number '3', with 'Year Warranty' in a smaller white font below the number. The second box in the middle contains the text 'Cameras' in a small white font above a large white number '5', with 'Year Warranty' in a smaller white font below the number. The third box on the right is larger and contains the text 'Lifetime' in a large white font above 'Product Support' in a smaller white font.