



## BG-4K-VP-PRO

4K UHD SEAMLESS HDMI MATRIX SWITCHER/VIDEO WALL PROCESSOR/MULTIVIEWER OVER CAT5/6/7 WITH 4 RECEIVERS KIT

Introducing the BG-4K-VP-PRO: Your Ultimate HDMI 2.0 CAT5/6/7 Seamless Matrix. Experience the next level of video distribution with the BG-4K-VP-PRO, a versatile all-in-one solution that's redefining the audiovisual landscape. Packed with advanced features like video wall and multi-view modes, this device unleashes a new era of flexibility, empowering your audiovisual setup with unmatched signal extension capabilities for even the most expansive spaces.

Its sophisticated audio matrixing ensures crystal-clear sound, while the Power over Cable (PoC) functionality eliminates cable clutter, streamlining your setup and providing a cleaner, more efficient solution. Upgrade your AV setup today with the BG-4K-VP-PRO and elevate your entertainment experience to new heights.

### FEATURES



#### SIGNAL EXTENSION

Extend your HDMI 2.0 signals up to 70m (229ft) over cat 5



#### AUDIO MATRIXING

Analog audio embedded & extraction - the audio can be independently routed



#### POC

Power over Cable enables devices to be powered and centralized via a single cable connection



#### MULTIVIEW MODE

Display multiple sources on the same screen



#### VIDEO WALL MODE

Supports multiple video walls at the same time



#### 4K UHD

Supports resolution up to 4K@60Hz 4:4:4

## BG-4K-VP44PRO



x4 Receivers

## BG-4K-VP99PRO



x9 Receivers

## BG-4K-VP1616PRO



x16 Receivers



## TECH SPECIFICATIONS

### BG-4K-VP44PRO

|                             |   |
|-----------------------------|---|
| Input ports                 | 4x HDMI Ports                                     |
| Output ports                | 4x RJ45 Ports and 4x HDMI Ports                   |
| Matrix mode                 | 4x4 seamless switching                            |
| Video wall mode             | Multiple video wall modes                         |
| Multi-viewer mode           | Multiple multi-viewer modes                       |
| Video Input Connectors      | 4x HDMI Type A, 19-pin, female                    |
| Video Output Connectors     | 4x RJ45 female and 4x HDMI Type A, 19-pin, female |
| Bandwidth                   | 18Gbit/s  |
| Video Format Supported      | 4K@60Hz,YUV4:4:4 8bit<br>4K@30Hz/1080P/1080i/720P |
| Audio Formats Supported     | LPCM 2.0  |
| HDCP Compliant              | HDCP 2.2 and HDCP 1.4                             |
| Power Consumption           | 41 Watts (Max)                                    |
| Dimensions (L x W x H)      | Matrix: 10 x 6.4 x 1.4in [262 x 163 x 36mm]       |
| Weight (Main Unit)          | Matrix: 5.97 lbs [2710g]                          |
| Operating Temperature Range | 23 to +104°F / -5 to +40°C                        |
| Storage Temperature Range   | -14 to +140°F / -10 to +60°C                      |
| Operating Humidity Range    | 5 to 90% RH (no condensation)                     |

### BG-4K-VP99PRO

|                                  |  |
|----------------------------------|--|
| HDMI Input                       | 9x HDMI In   |
| HDMI Output                      | 9x HDMI loopout, 9x HDMI Out                             |
| Audio output                     | Analog (Balanced audio)                                  |
| Video Format Supported           | 4K@30Hz/1080P/720P/576P/480P/480i                        |
| HDCP Compliant                   | HDCP 2.2 and HDCP 1.4                                    |
| Control way                      | Panel button/Remote/TCP/IP/RS232                         |
| Audio Format Supported           | PCM, Dolby 5.1/7.1, DTS 5.1/7.1 digital audio            |
| USB                              | Firmware update  |
| Dimensions (L x W x H)           | 1.5U Rack Design 21.5 x 17.5 x 2.75in [546 x 445 x 70mm] |
| Ship Pack Dimensions (L x W x H) | 27.5 x 22 x 6.3in [700 x 560 x 160mm]                    |
| Mass (Main Unit)                 | 12.1 lbs [5.48 kg]                                       |
| Ship Pack Weight                 | 37 lbs [16.78 kg]  |
| Operating Temperature Range      | 23 to +104°F / -5 to +40°C                               |
| Storage Temperature Range        | -14 to +140°F / -10 to +60°C                             |
| Operating Humidity Range         | 5 to 90% RH (no condensation)                            |

### BG-4K-VP1616PRO

|                             |   |
|-----------------------------|---|
| Input ports                 | 16xHDMI   |
| Output ports                | 16xHDMI 16xLAN                                      |
| Video Format Supported      | 4K@60Hz, YUV4:4:4 8 bit<br>4K@30Hz/1080P/1080i/720P |
| Audio Formats Supported     | HDMI digital audio DTS-5.1/Dolby-5.1                |
| HDCP Compliant              | HDCP 2.2 and HDCP 1.4                               |
| Input Video Signal          | 0.5-1.0 volts p-p                                   |
| Input DDC Signal            | 5 volts p-p (TTL)                                   |
| Bandwidth                   | 18Gbit/s  |
| Matrix mode                 | 16x16 seamless switching                            |
| Video wall mode             | Multiple video wall modes                           |
| Multi-viewer mode           | Multiple multi-viewer modes                         |
| Operating Temperature Range | 23 to +104°F / -5 to +40°C                          |
| Storage Temperature Range   | -14 to +140°F / -10 to +60°C                        |
| Storage Temperature Range   | 5 to 90 % RH (no condensation)                      |

## 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.

