

BG-4K-VP44

4X4 4K UHD SEAMLESS HDMI MATRIX SWITCHER/
VIDEO WALL PROCESSOR/MULTIVIEWER WITH
SCALER/IR/AUDIO/IP AND RS-232

The BG-4K-VP44 is a powerful video processor and supports four HDMI inputs that can be independently routed to HDMI Outputs. This unit can create video walls, act as a multi-viewer and perform matrix functions! The BG-4K-VP44 supports Video Wall configurations of up to 7 different modes with each monitor. It can also display four pictures on the same screen and has multiple split display modes.

With max resolutions up to 4K@60HZ 4:4:4, the BG-4K-VP44 is capable of producing high-quality imagery with pristine detailing and rich color. All HDMI ports on this unit are HDCP 2.2 compliant. This device also supports analog audio extraction, and audio channels can be switched independently.

The BG-4K-VP44 offers multiple control methods including front panel controls, IR remote control, RS-232, or IP control. The included IR receiver allows the unit to be controlled with the included remote while located out of sight for a clean installation.

In addition to a full-featured web interface, the BG-4K-VP44 includes control software that can be operated via the RS-232 connection. These interfaces allow users to adjust advanced features like EDID management, mapping, and network settings.



FEATURES



4X4 MATRIXING

4x HDMI Inputs that can be independently routed to 4 HDMI Outputs



VIDEO WALL

Supports Video Wall up to 7 different modes with each monitor



MULTIVIEW CAPABILITIES

It can display 4 pictures on the same screen and has multiple split display modes



HDCP COMPLIANT

HDCP 2.2 compliancy ensures copyright protection



CONTROL OPTIONS

Control via panel button, Remote Control, RS232 Control, TCP/IP Control



4K@60HZ

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



TECH SPECIFICATIONS

BG-4K-VP44

Input ports	4xHDMI
Output ports	4xHDMI
Video Format Supported	4K@60Hz, YUV4:4:4 8-bit 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	4x4 seamless switching
Video wall mode	Multiple video wall modes
Multi-viewer mode	Multiple multi-viewer modes
Power Consumption	23 Watts (Max.)
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)
Dimensions	Matrix: 10"(L) x 6.4"(W) x 1.4"(H) [L262 x W163 x H36 mm]
Mass (Main Unit)	6lbs [2710g]



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](https://www.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

