

BG-4K-VP1616PRO

16X16 4K UHD SEAMLESS HDMI MATRIX SWITCHER/
VIDEO WALL PROCESSOR/MULTIVIEWER OVER
CAT5E/6/7 KIT WITH 16 RECEIVERS

The BG-4K-VP1616PRO supports sixteen HDMI inputs that can be independently routed to HDMI or LAN Outputs. This unit can create video walls, act as a multi-viewer and perform matrix functions! The BG-4K-VP1616PRO supports video wall configurations of up to 7 different modes with each monitor. It can also display sixteen pictures on the same screen and has multiple split display modes.

With max resolutions up to 4K@60Hz 4:4:4, the BG-4K-VP1616PRO 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.

Alongside a comprehensive web interface, the BG-4K-VP1616PRO features control software that can be operated via the RS-232 connection. These interfaces enable users to fine-tune advanced features such as EDID management, mapping, and network settings.



FEATURES



16X16 MATRIXING

16x HDMI Inputs which can be independently routed to 16x HDMI Outputs



VIDEO WAL

Supports multiple video walls at the same time



MULTIVIEW CAPABILITIES

Up to 16 sources can be displayed on each output in different layouts



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-VP1616PRO

Input ports	16xHDMI
Output ports	16xHDMI 16xLAN
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	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)



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

