

BG-4K-VP-PRO 4K Matrix Switcher Series

BG-4K-VP44PRO (4X4)

BG-4K-VP99PRO (9X9)

4K UHD Seamless HDMI Matrix Switcher/Video Wall Processor/MultiViewer Over Cat5/6/7 with Scaler/IR/Audio/IP and RS-232

Introducing the BG-4K-VP-PRO HDMI 2.0 over CAT5/6/7 seamless matrix — equipped with video wall and multi-view modes to make a flexible all-in-one video distribution powerhouse. This advanced device empowers you with unparalleled signal extension capabilities, audio matrixing, and power over cable (PoC) functionality revolutionizing your audiovisual experience.



FEATURES

- Supports 4K@60Hz
- Signal Extension: Extend your HDMI signals up to 70m (229ft) over CAT5/6/7
- Audio Matrixing: Analog audio embedded & extraction - the audio can be independently routed
- Multiview Mode: Display multiple sources on the same screen
- Video Wall Mode: Supports video walls; supports cascading
- PoC: Power over Cable enables devices to be powered and centralized via a single cable connection
- Seamless Matrix Mode: No switching delay and no signal loss
- Loop out
- HDCP 2.2/1.4
- Control via Panel button, Remote, RS232, TCP/IP Control

BG-4K-VP44PRO

4x4 Matrix Switcher



BG-4K-VP99PRO

9x9 Matrix Switcher



Rx units



Specifications



BG-4K-VP44PRO
4x4 Matrix Switcher

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 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
9x9 Matrix Switcher

HDMI Input	9x HDMI In
HDMI Output	9x HDMI loopout, 9x HDMI Out
Audio output	Analog (Balanced audio)
Video Format Supported	4K@60Hz/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 19 x 13 x 2.7in [489 x 336 x 67.5mm]
Mass (Main Unit)	12.1 lbs [5.48 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)

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.

LIFETIME
PRODUCT SUPPORT

PRO AV	CAMERAS
3	5
YEAR WARRANTY	YEAR WARRANTY