



## BG-UHM

### 3-PORT 4K UHD USB/HDMI CAMERA VIDEO SELECTOR AND MIXER

The BG-UHM USB/HDMI Video Selector and Mixer is a versatile and feature-rich solution designed to meet the demands of modern video production environments. Engineered for seamless integration, this compact device allows users to connect, switch, and mix multiple video sources effortlessly, offering unparalleled flexibility and functionality in a single unit.

The BG-UHM supports up to three video sources, including USB 3.0, USB 2.0, and HDMI inputs, enabling users to integrate diverse devices like webcams, laptops, and document cameras. With its customizable video mixing options, the BG-UHM delivers professional-quality results, allowing users to create unique layouts such as Picture-in-Picture (PiP), side-by-side, and big and small overlays. These layouts can be easily configured through a user-friendly web interface, making the device suitable for both novice and experienced users.



## FEATURES



### MULTI-SOURCE CONNECTIVITY

1x USB 3.0, 1x USB 2.0, 1x HDMI 1.4



### CUSTOMIZABLE VIDEO MIXING

Blend up to two input sources into a single output with layouts such as Picture-in-Picture (PiP), side-by-side, and overlay options. Layouts are fully configurable via the intuitive web interface



### OUTPUT FLEXIBILITY

1x HDMI 2.0 output, 1x USB-C (UVC/UAC) output



### AUDIO MANAGEMENT

Integrated audio mixing with inputs via HDMI, USB, and analog jacks. Mute video/audio streams as needed for precise control over live broadcasts



### ADVANCED CONTROL OPTIONS

Manage the device via LAN, RS-232, or the web-based GUI for ultimate flexibility



### POE SUPPORT

Power the device via PoE (802.3af), reducing cable clutter and simplifying installation



TECH SPECIFICATIONS

Technical

Output		Input	
HDMI Output	1x HDMI 19-pin female connector	HDMI Output	1x HDMI 19-pin female connector
Format Compliance	HDMI 1.4 / HDMI 2.0	Format Compliance	HDMI 1.4
HDCP	HDCP 1.4 / HDCP 2.2	HDCP	HDCP 1.4
USB Interface	Type C x1, UVC, and UAC	USB Interface	Rear: USB 3.0, Type A x1; USB 2.0, Type A x1 Front: USB 2.0, Type A x1, Type C x1
Video Output Resolution	HDMI: 3840x2160@60Hz, 3840x2160@30Hz, 1920x1080@60Hz, 1280x720@60Hz Type C: 1920x1080@30Hz, 1280x720@30Hz, etc.	Video Output Resolution	HDMI: 1920x1080@60Hz, 1280x720@60Hz USB 3.0: 1920x1080@30Hz, 1280x720@30Hz etc. USB 2.0: 1920x1080@30Hz, 1280x720@30Hz etc.
Analog Audio Output	HDMI, USB, Jack (analog input)	Analog Audio Output	HDMI, USB, Jack (analog input)

Control

Control Connectors	Web GUI, Telnet, RS232, Key
LAN Port	RJ45 x1: 1000Mbps, POE option (802.3af)

Hardware Specifications

Control Method	HDMI 2.1
Dimension (W x D x H)	7in x 3.7in x 0.7in [180mm x 95mm x 18mm]
Weight	2.2 lbs [1kg]
Operating Temperature	32°F to 113°F / 0°C to +45°C
Storage Temperature	32°F to 140°F / 0°C to +60°C
Relative Humidity	20% ~ 85% RH (no condensation)
DC Power	12V
Power Consumption	15W(MAX)
Power Adapter	AC100~240V 50/60Hz, 12V/1.5A



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://bzbgear.com/warranty).  
For questions, please call 1.888.499.9906 or email [support@bzbgear.com](mailto:support@bzbgear.com).

Pro Line Products  
**5-YEAR WARRANTY**  
Essential Line Products  
**3-YEAR WARRANTY**  
Cables Products  
**LIFETIME WARRANTY**



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