

## BG-QUADFUSION-4K

4-CHANNEL 4K UHD LIVE STREAMING HDMI/DP SWITCHER MIXER WITH PIP AND USB 3.0 CAPTURE CARD

Introducing the BG-QuadFusion-4K: A Feature Packed 4K UHD 4-CH Video Production Switcher. The BG-QuadFusion-4K is a versatile video production switcher designed for professional broadcast and TV stations. This switcher offers comprehensive control options, including keyboard-based special effects and transitions, intuitive menu display functions, and a camera joystick for precise camera control. It supports up to 4-CH HDMI/DP (DisplayPort) inputs 4K60 signals, making it ideal for a wide range of live broadcasting applications, including sports events, concerts, and studio recordings.

This video production switcher boasts an impressive array of features, including HDMI and DP decoders, support for various input resolutions, built-in format conversion, audio processing, video streaming capabilities, and more. It provides 4 video input channels and 4 HDMI video output channels, along with 2 analog audio input and output channels. Additionally, it supports DCB control, tally output, H.26x encoding for video streaming, and remote upgrade capability.



### FEATURES



#### HDMI ENCODER & DP DECODER

Effortlessly manage multiple video sources



#### SPECIAL EFFECTS

Unlock creative potential with built-in effects



#### CONTROL OPTIONS

Convenient RJ45 remote, backlit buttons, and knobs for precise adjustments



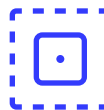
#### IMMERSIVE AUDIO

2-CH MIC inputs, LINE OUT for rich soundscapes



#### 4K SUPPORT

Present content in stunning, clear 4K resolution



#### DURABLE MOBILITY

High-strength aluminum alloy for lasting, portable use



## TECH SPECIFICATIONS

### Video Signal Input

Input signal	HDMI / DP video signal
Code rate	270Mbps ~ 18Gbps
Connector	Standard
Signal amplitude	800mV±10% (HDMI/DP)
Impedance	100Ω (HDMI), 100Ω (DP)
Balance	Adaptive
DVD input	480i/576i, 480p/576p, 720p, 1080i, 1080p, 2160p
HDMI/DP input support	3840x2160, 1920x1080, 1680x1050, 1600x900,1440x1050, 1366x768, 1360x768, 1280x102,1280x960, 1280x800, 1280x768, 1280x720,1280x600, 1152x864, 1024x768, 800x600

### Video Signal Output

Output signal	HDMI video output
Code rate	6Gbps ~ 18Gbps
Connector	Standard
Return Loss	>15dB 5MHz~3GHz
Signal amplitude	800mV±10%(HDMI/DP)
Impedance	100Ω (HDMI), 100Ω (DP)
DC offset	0V±0.5V
Clock recovery	Support

### General Parameters

Power supply	12V
Power rate	<35W
Size	11.2in x 6.9in x 2.4in [284mm x 175mm x 60mm]
Control panel	Support on-site production, integration of a variety of buttons
Operating temperature	32°F ~ 122°F / 0°C ~ 50°C, No condensation
Storage temperature	-4°F ~ 167°F / -20°C ~ 75°C
Working humidity	20% ~ 70%RH
Storage humidity	0% ~ 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.

