

BG-UHD-KVM41MV

4K UHD 4X1 SEAMLESS VIDEO & USB 3.0 KVM SWITCHER WITH MULTIVIEW/HOTKEY SWITCHING/IR CONTROL

The BG-UHD-KVM41MV streamlines multi-computer workflows while preserving 4K60 video quality. Four HDMI sources display and can be controlled on one monitor, supporting full-screen switching and multiview layouts with smooth, seamless transitions.

It combines professional video switching with complete USB 3.0 KVM capability, enabling a single keyboard, mouse, and shared peripherals across multiple computers. Flexible control options, audio de-embedding, and broad OS compatibility make it ideal for control rooms, broadcast, post-production, IT workstations, and collaborative Pro AV environments.

HDMI 2.0b at up to 4K@60Hz 4:4:4 with 18Gbps bandwidth. Eight multiview layouts — Single, PIP, PBP, Triple, and Quad. USB 3.0 hub at up to 5Gbps. Hotkeys, mouse roaming, front-panel, IR, OSD, RS-232, and PC software control.



FEATURES



SEAMLESS HDMI SWITCHING

Switch between four HDMI sources to one display with no signal interruption



4K@60HZ SUPPORT

HDMI 2.0b with 18Gbps bandwidth and full 4:4:4 color



ADVANCED MULTIVIEW

Eight display modes including Single, PIP, PBP, Triple, and Quad



USB 3.0 KVM

Control up to four computers with one keyboard, mouse, and shared USB devices



ADVANCED AUDIO CONTROL

Analog and optical audio outputs with flexible source selection



MULTIPLE CONTROL OPTIONS

Front panel, IR remote, OSD, hotkeys, RS-232, and PC control software



TECH SPECIFICATIONS

Technical

HDMI Compliance	HDMI 2.0b
HDCP Compliance	HDCP 2.2 / 1.x
Video Bandwidth	18Gbps
Video Resolution	Up to 4K@60Hz 4:4:4
IR Level	5Vp-p
IR Frequency	Fixed frequency 38KHz
Color Space	RGB, YCbCr 4:4:4, YCbCr 4:2:2, YCbCr 4:2:0
Color Depth	8/10/12bit
Audio Formats	HDMI: PCM 2.0/5.1/7.1CH, Dolby Digital/Plus/EX, DTS, DTS-96/24, DTS High Res, DSD Analog [3.5mm L/R]: PCM 2.0 SPDIF (OPTICAL): Dolby Digital/Plus, DTS 5.1, PCM 2.0 Note: Does not support HBR audio
ESD Protection	IEC61000-4-2: ±8kV (Air-gap), ±4kV (Contact)

Connection

Input Ports	4 x HDMI IN [Type A, 19-pin female] 1 x HDMI OUT [Type A, 19-pin female]
Output Ports	1 x L/R OUTPUT [RCA] 1 x OPTICAL OUTPUT [S/PDIF]
Control Ports	1 x RS-232 [3pin-3.81mm phoenix] 1 x IR EXT [3.5mm Stereo Mini-jack] 4 x USB 3.0 HOST [Type B] 2 x USB 2.0 DEVICE [Type A] 3 x USB 3.0 DEVICE [Type A]

Mechanical

Housing	Metal Enclosure
Color	Black
Dimensions (W x D x H)	8.7 x 3.9 x 1.7 in [220 x 100 x 44 mm]
Weight	0.98 lbs [443 g]
Power Supply	Input: AC 100–240V 50/60Hz Output: DC 12V/2.5A (CE/FCC/UL)
Power Consumption	18.48W (Max)
Operating Temperature	32–104°F / 0–40°C
Storage Temperature	–4–140°F / –20–60°C
Relative Humidity	20–90% RH (non-condensing)

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

