



BG-MV41A-G2

4X1 4K UHD HDMI SEAMLESS SWITCHER/SCALER/
MULTIVIEWER WITH PIP/AUDIO DE-EMBEDDING
AND 8 DISPLAY MODES

The BG-MV41A-G2 is a high-performance 4x1 HDMI quad multi-viewer designed to display up to four HDMI sources on a single screen with seamless switching and flexible layouts. Supporting resolutions up to 4K@30Hz with 10.2Gbps bandwidth, it complies with HDMI 1.4b and HDCP 1.4 standards. Users can select from eight versatile viewing modes, including single view, picture-in-picture (PIP), picture-by-picture (PBP), triple-view, and quad-view - making it ideal for monitoring, control rooms, and content presentations.

Audio can be independently selected and output through the analog port with support for LPCM, Dolby Digital, Dolby Digital Plus, and DTS. Featuring auto/manual input switching, smooth transitions between views, and an on-screen display (OSD), the BG-MV41A-G2 offers both performance and control flexibility. Management is simple via front panel buttons, IR remote, or RS-232 commands, while advanced EDID management ensures reliable compatibility - all in a compact form factor built for professional AV installations.



FEATURES



4K RESOLUTION

Handles input and output resolutions up to 4K@30Hz



SEAMLESS & FLEXIBLE SWITCHING

Smooth transitions with both automatic and manual input selection in single-view or multi-view modes



MULTIVIEW MODES

Offers 8 layouts including SINGLE, PIP, PBP (1/2), Triple (1/2), and Quad (1/2)



AUDIO DE-EMBEDDING

Outputs audio via analog stereo connection



INDEPENDENT AUDIO ROUTING

Select audio sources separately from video



CONTROL OPTIONS

Operate via front panel buttons, IR remote, or RS-232 commands



TECH SPECIFICATIONS

Technical

Signal Inputs/Output	3840x2160@30 MAX
HDMI Input/Output Connector	Type A 19 pin
Operating Frequency	50/60Hz
Vertical Frequency Range	50/60Hz
Video Amplifier Bandwidth	10.2Gbps
Resolutions	480i@60Hz, 480p@60Hz, 576i@50Hz, 576p@50Hz, 720p@50/60Hz, 1080i@50/60Hz, 1080p@24/25/30/50/60Hz, 2160p@30Hz
Input Resolution	720p, 1080p, 1200p, 2160p
Output Resolution	720p, 1080p, 1200p, 2160p

Mechanical

Dimensions (W x D x H)	5.8in x 4.1in x 0.85in / 148.5mm x 103mm x 21.5mm
Weight	0.75 lbs [342g]
Chassis Material	Metal
Color	Black
Operating Temperature	32°F to 158°F / 0°C to +70°C
Operating Humidity	10% to 85% RH (no condensation)
Storage Temperature	14°F to 176°F / -10°C to +80°C
Storage Humidity	5% to 90% RH (no condensation)
External Power Supply	12V DC @ 2A
Power Consumption (max)	10 W
Regulatory Approvals (Main Unit)	FCC, CE
Regulatory Approvals (Power Supply)	UL, CE, FCC, REACH, RoHS



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://www.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

