



BG-UHD-MVS21A

2X1 4K UHD HDMI SEAMLESS SWITCHER
MULTIVIEWER WITH AUDIO DE-EMBEDDER

The 4K@60 2x1 Multiviewer Seamless UHD Video Switcher is designed to allow you to display multiple video sources at 4K resolution on a single screen. It combines two video signals and allows you to manage each input, create combinations of the two inputs, and adjust their positions on the display.

Besides instant switching between 2 sources the BG-UHD-MVS21A has the ability to display the two video inputs in a Picture-in-Picture (PIP) or Picture-by-Picture (PBP) mode. In PIP mode, one of the video inputs is displayed as a small inset window on top of the other input, which takes up the majority of the screen. In PBP mode, the two video inputs are displayed side-by-side, taking up equal or partial amounts of screen space.

This device supports a wide range of input resolutions up to 4096x2160p 60Hz. It also could de-embed audio from any of the sources in different formats for your external audio system. Supported audio formats are LPCM, AC3, DD+, DTS, DTS- HD. User can control the volume of audio in LPCM format.



Multiple control options are available for the BG-UHD-MVS21A. It can be controlled through the front panel buttons, an IR remote, or RS-232 commands. EDID control is available through the RS-232 interface.

FEATURES



SECURE CONTENT

HDMI 2.0b, HDCP 2.2, and HDCP 1.x compliant



4K RESOLUTION

Input and output resolutions support up to 4K2K@60 4:4:4



AUDIO MANAGEMENT

Volume control and independent audio selection



EDID MANAGEMENT

Seamless scaling for the best results



CONTROL OPTIONS

Control via front panel buttons, IR remote, RS-232 commands



COMPACT DESIGN

For easy and flexible installation



TECH SPECIFICATIONS

Technical

HDMI Compliance	HDMI 2.0b
HDCP Compliance	HDCP 2.2 / 1.x
Video Bandwidth	18Gbps
Video Resolutions	Up to 4K2K@60 4:4:4
IR Level	5Vp-p
IR Frequency	38KHz
Color Depth	8-bit
Color Space	RGB, YCbCr 4:4:4, YCbCr 4:2:2, YCbCr 4:2:0
Audio Formats	HDMI: PCM2.0/5.1/7.1CH, Dolby Digital/Plus, DTS, DTS High Res Analog audio [3.5mm L/R]: PCM2.0 SPDIF (OPTICAL): Dolby Digital, DTS 5.1, PCM2.0 Note: It does not support HBR audio.
ESD Protection	Human-body model: ±8kV (Air-gap discharge) & ±4kV (Contact discharge)
Input ports	2 x HDMI IN [Type A, 19-pin female]
Output ports	1 x HDMI OUT [Type A, 19-pin female] 1 x L/R OUTPUT [RCA] 1 x OPTICAL OUTPUT [S/PDIF]
Control ports	1 x RS-232 [3pin-3.81mm phoenix connector] 1 x IR EXT [3.5mm Stereo Mini-jack]



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