

BG-UMV-HA41**4X1 4K HDMI Seamless Switcher/Scaler
with Audio and Multiview**

This 4K multi-view switcher is a great fit for anyone looking to seamlessly flow between presentations and videos on one display, as well as simultaneously view up to four video sources on that display via a single HDMI output. Video sources shown either in full screen or through multi-view windows can be easily swapped with the push of a button from the IR remote and several other helpful control options to monitor multiple video sources at once.

Thanks to its 4K@30 Hz resolution, every detail is captured from each video source. Two audio outputs also support audio de-embedding to extract audio from your sessions. Audio embedding options are also available via two inputs on the device.

**FEATURES**

- Input Up To 4K@30Hz 4:4:4 Chroma
- IR remote, RS-232, Web GUI, or Front Panel Buttons
- Quick And Easy Source Switching
- 3-Pin Line-In And Mix Inputs
- 3.5mm Analog And TOSLINK Digital Outputs
- Simultaneously Display Multiple Inputs On A Single Monitor
- Based on FPGA technology
- Upgradeable firmware
- SNR > 90dB, 20Hz-20 kHz bandwidth
- Auto-scaling for each source input
- Cascadable for up to 16 screens on 1 display
- Single window auto-switching



Specifications

Video

Video Input: (4) HDMI IN (1-4)
Video Input Connector: (4) Type-A female HDMI
HDMI Input Resolution: Up to 4K@30Hz 4:4:4
Video Output: (1) HDMI
Video Output Connector: (1) Type-A female HDMI
HDMI Output Resolution: Up to 4K@30Hz RGB
HDMI Standard: HDMI 1.4
HDCP Version: Up to HDCP 2.2

Audio IN

Audio In: (1) LINE IN, (1) MIX IN
Audio In Connector: (2) 3-pin terminal connectors
Frequency Response: 20Hz to 20kHz, 33dB
Max Input Level: 2.0Vrms 3 0.5 dB. 2V=16 B headroom above -10dBV (316 mV) nominal consumer line level signal
L-R level deviation: < 0.3dB, 1kHz sine at 0dBFS level (or max level before clipping)
Input Impedance: > 10kohm
Audio Format: PCM 2CH

SPDIF OUT

SPDIF Out: (1) SPDIF
Audio Out Connector: (1) Toslink
Max Output level: 30.05dBFS
Frequency Response: 20Hz - 20kHz, 31dB
THD+N: < 0.05%, 20Hz - 20kHz bandwidth, 1kHz sine at 0 dBFS level (or max level)
Signal-to-Noise Ratio: > 90dB, 20Hz-20 kHz bandwidth
Crosstalk isolation: < -70dB, 10kHz sine at 0dBFS level (or max level before clipping)
Noise: -90dB
Audio Format: PCM 2CH

Audio OUT

Audio Out: (1) AUDIO

Audio Out Connector: (1) 3.5mm mini jack
Frequency Response: 20Hz - 20kHz, 31dB
Max Output Level: 2.0Vrms 3 0.5dB. 2V=16dB headroom above -10dBV (316 mV) nominal consumer line level signal
THD+N: < 0.05%, 20Hz - 20kHz bandwidth, 1kHz sine at 0dBFS level (or max level)
Signal-to-Noise Ratio: > 80dB, 20Hz - 20kHz bandwidth
Crosstalk Isolation: < -80dB, 10kHz sine at 0dBFS level (or max level before clipping)
L-R Level Deviation: < 0.05dB, 1kHz sine at 0dBFS level (or max level before clipping)
Output Load Capability: 1kohm and higher (supports 10x paralleled 10kohm loads)
Noise: -80dB

Control

Control port: (1)RS232, (1)TCP/IP
Control Connector: (1) 3-pin terminal connector, (1) RJ45

General

Operation Temperature: 5°F to 131°F / -5°C to +55°C
Storage Temperature: -13°F to 158°F / -25°C to +70°C
Relative Humidity: 10% - 90%
External Power Supply Input: AC 100-240V, 50/60Hz; Output: 24V DC 1.25A
Power Consumption: 13W (Max)
Dimension (W*H*D): 11.2" x 1" x 6.8" [285mm x 27mm x 172.5mm]
Net Weight: 2.731lbs [1.24Kg]

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.

