

BZBGEAR BG-UMV-HA41 4x1 4K UHD HDMI Seamless Switcher Scaler and MultiViewer with IP/RS232 Control and Audio De-embedding

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, ± 3 dB
Max Input Level	2.0Vrms \pm 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	± 0.05 dBFS
Frequency Response	20Hz ~ 20kHz, ± 1 dB
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, ± 1 dB
Max Output Level	2.0Vrms \pm 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	2.731bs [1.24Kg]