

# BZBGEAR BG-8K-88MA 8x8 8K UHD HDMI 2.1 Matrix Switcher with Auto Downscaling/Audio De-Embedding (8K60/4K120 and VRR/FVA/ALLM Support)

<b>Technical</b>	
HDMI Compliance	HDMI 2.1
HDCP Compliance	HDCP 2.3
Video Bandwidth	1200MHz/48Gbps
Video Resolution	Up to 8K60Hz 4:2:0, 8K30Hz 4:4:4 and 4K120Hz 4:4:4
Color Space	RGB 4:4:4, YCbCr 4:4:4, YCbCr 4:2:2, YCbCr 4:2:0
Color Depth	8/10/12-bit
HDR Formats	HDR, HDR10, HDR10+, Dolby Vision, HLG
Audio Formats	<b>HDMI In/Out:</b> LPCM 2.0, Dolby Digital/Plus/EX, Dolby True HD, Dolby Atmos, DTS, DTS-EX, DTS High Res, DTS-HD Master Audio, DSD <b>Optical Outputs:</b> LPCM 2.0, Dolby, DTS 5.1 <b>Balanced Analog Audio Outputs:</b> LPCM 2.0
ESD Protection	Human body model - +/-8kV (Air-gap discharge) & +/-4kV (Contact discharge)
<b>Connection</b>	
Input ports	8 x HDMI [Type A, 19-pin female]
Output ports	8 x HDMI [Type A, 19-pin female] 8 x S/PDIF Optical 8 x Balanced Stereo Audio [3.81mm, 5-pin Phoenix Connector]
Control ports	1 x TCP/IP [RJ45] 1 x RS-232 [D-Sub 9] 1 x IR EXT [3.5mm, Stereo Mini-jack]
<b>Mechanical</b>	
Housing	Metal Enclosure
Color	Black
Dimensions	17in (W) x 8in (D) x 1.8in (H) [440mm (W) x 203mm (D) x 44.5mm (H)]
Weight	5.9 lbs [2.67kg]
Power Supply	Input: AC 100 - 240V 50/60Hz, Output: DC 24V/3.75A (US/EU standard, CE/FCC/UL certified)
Power Consumption	45W (Max)
Operating Temperature	32 - 104°F / 0 - 40°C
Storage Temperature	-4 - 140°F / -20 - 60°C
Relative Humidity	20 - 90% RH (no-condensing)