

**BZBGEAR BG-MAESTRO 8MP SDI USB 3.0 IP POE Wide Angle Educational Auto Tracking Camera**

<b>Camera/ Lens Parameters</b>	
Image Sensor	1/2.8 inch High Quality 4K CMOS Sensor
Effective pixels	8.28 Megapixel, 16:9
Video Format	<b>SDI output:</b> 1080P @ 30fps/25fps; 720P @ 60fps/50fps/30fps/25fps; <b>U3 output:</b> 1920x1080P @ 30 fps /25 fps; 1280x720P @ 60 fps /50 fps /30 fps /25 fps; 960x540P @ 30 fps; 800x600P @ 30 fps; 640x360P @ 30 fps; 640x480P @ 30 fps; 352x288P @ 30 fps; <b>USB3.0</b> can be compatible with USB2.0 output
View Angle	57.2° (D) /47° (H) /36° (V)
Focus	f=7.23mm
Aperture	F2.4+ 5%
Digital Zoom	3X
Minimum Illumination	0.5Lux (F1.8, AGC ON)
DNR	2D & 3D DNR
White Balance	Auto / Manual/ One Push/ Specified color temperature (2400K-7100K, step length is 100)
Focus	Manual
Exposure	Fixed
BLC	ON/ OFF
DNR	>50dB
<b>Input/Output Interface</b>	
Video Interfaces	1xSDI interface 1xUSB interface 1xLAN interface: 10M/100M adaptive Ethernet port (support POE)
Video Compression Format	H.264, H.265, MJPEG, YUY2, NV12
Audio Input Interface	Double track 3.5mm linear Input
Audio Compression Format	AAC, MP3, G.711A
Network protocol	RTSP, RTMP, ONVIF, GB/T28181
Control Interface	RS232, RS485, LAN
Communication Protocol	VISCA, Pelco-D, Pelco-P, support baud rate 115200/38400/9600/4800/2400; Support VISCA Control Protocols
Power Interface	HEC3800 power socket (DC12V)
<b>Other Parameters</b>	
Input Voltage	Power Adapter: 12V POE Supply: 48V
Input Current	Power Adapter: 0.42A (max) POE Supply: 0.104A (max)
Power Consumption	5W (max)
Stored Temperature	-10°C ~ +60°C
Stored Humidity	20% ~ 95%
Working Temperature	-10°C ~ +50°C
Working Humidity	20% ~ 80%
Dimension (W x H x D)	5.9 x 3 x 3in [149 x 76 x 76mm]
Weight	Approx. 1.17 lbs [0.53kg]
Working Environment	Indoor Only