BZB2GEAR®

BG-MAESTRO-H

8MP IP PoE USB 3.0 HDMI Wide Angle Educational Auto-Tracking Camera
(Available in gray)

The Maestro auto-tracking camera represents yet another breakthrough by the BZBGEAR engineering team. The high-quality 4K Sony CMOS sensor delivers clear 1080p images via USB, HDMI, and LAN outputs. The simplified setup makes it easy for anyone to configure and start the auto-tracking in minutes.

With its high-speed image processing and analysis algorithm, the Maestro provides fast, accurate detection when tracking movements. Four simultaneous RTSP streams allow multiple angles to be broadcast from a single camera. This camera is ideal for tracking instructors in their environment.

Pristine Detail, Accurate Color, Quiet Operation

• High-quality 4K Sony CMOS sensor
• 8.28 Megapixel; 16:9
• 1080p high definition output provides fluid motion, close up imagery, and true colors
• 3x digital zoom

Digital and Analog Control at Your Fingertips

• Supports control connections RS232, RS485, LAN
• Supports IP and serial control protocols
  (Visca IP, ONVIF / Pelco-P/D, Visca)
• Auto tracking algorithms resulting in quick, accurate, and stable tracking.
• Web user interface for control and configuring Motion Tracking

Unrivaled Diversity of Connections and Streaming Formats

• LAN / USB 3.0 / HDMI interface
• Video compression formats: H.264, H.265, MJPEG, YUY2, NV12
• Double track 3.5 mm linear input
• Four simutaneous RTSP streams: RTMP, RTMPS, ONVIF, GB/T28181

Compatible Live Streaming Software & Online Platforms

• vMix, Wirecast, Echo360, Zoom, Skype, Meet, GoToMeeting, & more
• YouTube, Facebook, Linkedin, Instagram, Twitter, Twitch, & more

Camera/ Lens Parameters

Image Sensor	1/2.8" High Quality 4K CMOS Sensor
Effective pixels	8.28 Megapixel, 16:9
Video Format	**HDMI output:** 1080p30Hz/25Hz; 720p60Hz/50Hz/30Hz/25Hz; **U3 output:** 1920X1080p30Hz /25Hz; 1280X720p60Hz /50Hz /30Hz /25Hz; 960X540p30Hz;800X600p30Hz; 640X360p30Hz; 640X480p30Hz; 352X288p30Hz; **USB3.0** can be compatible with USB 2.0 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

Input/Output Interface

Video Interfaces	1xHDMI 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

Input/Output Interface

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)

Other Parameters

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)	149mm × 76mm × 76mm
Weight	Appox. 1.17 lbs
Application	Indoor

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.

Pro AV 3 Year Warranty | **Cameras 5 Year Warranty** | **Lifetime Product Support**

BZBGEAR®
Solutions to Amplify Your World™

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