

BG-EPTZ-AF**4K ePTZ USB Camera with
Auto-Framing Function**

Whether you're running a small or large meeting, the BG-EPTZ-AF auto-framing camera offers great value by ensuring everyone in your meeting is included. This camera detects how many people are in the room and automatically zooms and reframes the image to make sure all attendees are in the frame and centered in the field of view. Thanks to its 1/2.5" 8MP CMOS sensor, the BG-EPTZ-AF can record in 4K@30Hz to capture every detail of your meeting. With a USB 3.0 port, simultaneous main and sub-stream output is possible as well.

This camera is a great choice for small to medium sized businesses, educators, and other presentation needs.

**FEATURES**

- Camera automatically adjusts to keep subjects centered
- Capture the whole scene with no fish-eye effect
- Output resolutions up to 4K@30Hz
- ePTZ and 4X digital zoom
- Built-in microphone
- Plug and Play with USB 3.0
- Mount/Stand is built-in
- Utilizes a 1/2.5" 8MP CMOS sensor
- Low noise and high SNR ≥ 50 dB
- 2D & 3D DNR



Specifications

Camera Parameters

Image Sensor: 1/2.5" High Quality 4K CMOS Sensor

Effective Pixels: 8.28MP 16:9

Video output port: 1x USB 3.0, Type B, support audio output over USB 3.0

Audio input: 2 built-in MIC pickups

Video Format: Main stream: 3840x2160p@30Hz, 1920x1080p@30Hz/25, 1280x720p@30Hz/25, etc.;

Sub-stream: 1280x720p@30Hz/25, 640x480p@30Hz/25, 320x172p@30Hz/25, etc.

View Angle: 126°(D)/120°(H)/85°(V)

Lens: f=2.72mm

Aperture: F2.5

Digital zoom: 4X

Min Illumination: 0.1Lux (F1.8, AGC ON)

DNR: 2D & 3D DNR

Ultra-low illumination: On/off

White Balance: Auto / Manual/ One Push/ 3000K/ 3500K/ 4000K/ 4500K/ 5000K/ 5500K/ 6000K/ 6500K/ 7000K

Focus: Auto / Manual / One push Focus

Exposure: Auto / Manual

Auto framing: On/off/sensitivity

Backlight compensation: On/off

Dual stream: On/off

SNR: ≥50dB

USB Features

Operation Systems: Windows 7 (1080p at the most), Windows 8.1, Windows 10, macOS™ 10.10 or higher, Linux (Require to support UVC)

Video Compression format: YUY2, MJPG, H.264, H.265

Audio over USB 3.0: Support

USB communication protocol: UVC, UAC

PTZ control: Support EPTZ

Hardware requirement: 2.4 GHz Intel® Core 2 Duo processor or higher, 2GB RAM or more, USB 2.0 /USB 3.0 port (USB 3.0 is needed for 4K)

Other Parameters

Input Voltage: 5V

Input Current: 1A (Max)

Power consumption: 5W (Max)

Store Temperature: -10°C~+60°C

Store Humidity: 20%~90%

Working Temperature: -10°C~+50°C

Working Humidity: 20%~80%

Dimension (WxHxD): 222 x 93 x 57mm

Weight: 1.17 lbs [0.53kg]

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.

