Pristine Detail, Accurate Color, Quiet Operation

- Optical zoom lens: 12x (25 ft), 20x (50 ft)
- 1080p high definition provides clear, fluid motion and true colors
- Auto focusing algorithms resulting in quick, accurate, and stable focus
- Full HD image through a quiet 1/2.8” CMOS

Digital and Analog Control at Your Fingertips

- Web interface control via the IP address; camera preview access
- IR remote control
- Supports IP and serial control protocols (Visca IP, ONVIF / Pelco-P/D, Visca)
- Auto-tracking software program creating zoom levels, tracking, and masked off areas

Unrivaled Diversity of Connections and Streaming Formats

- Supports RTSP, RTMP, RTMPS, ONVIF, and GB/T28181
- Dual HDMI, Dual USB 3.0, and Dual IP streaming LAN ports
- H.264/H.265 video compression formats provide excellent image quality
- 3.5 mm input for embedding audio into your live stream

Compatible Live Streaming Software & Online Platforms

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

Tracking camera, lens parameters
- **Image sensor**: 1/2.8" high quality CMOS sensor
- **Effective pixels**: 2,070,000
- **Video signal**: 1080P60/50/30/25/24/29.97/720P60/50/30/25/24/29.97
- **Lens optics zoom**: 20X optical zoom, f = 4.7-94mm
- **Visual angle**: 2.9° (narrow angle) – 55.4° (wide angle)
- **Aperture coefficient**: F1.6 – F3.5
- **Digital zoom**: 10X
- **Minimum Illumination**: 0.5lux (F1.8, AGC ON)
- **Digital noise reduction**: 2D & 3D digital noise reduction
- **White balance**: Manual/auto/one-key white balance /3000K/4000K/5000K/6500K
- **Focus**: Auto/manual
- **Aperture**: Auto/manual
- **Electronic shutter**: Auto/manual
- **Backlight compensation**: On/off
- **Wide dynamic**: Off/dynamic grade adjustment
- **Video regulation**: Brightness, hue, saturation, contrast ratio, sharpness, Gamma
- **Signal to noise ratio**: >55dB

Panoramic lens
- **Image sensor**: 1/2.8" high quality CMOS sensor
- **Effective pixels**: 2,100,000
- **Lens**: Manual focus
- **Output port**: Network port, HDMI, USB
- **Field angle (D/H/V)**: 112°/82°/57.6°

Input/output port and support protocol
- **Video port**: HDMI
- **Network port**: 100M internet access (10/100BASE-TX) 5GWIFI (optional), support network VISCA control protocol

Network protocol
- RTSP, RTMP, ONVIF, GB/T28181

Compression image code stream
- Dual stream output

Video compression format
- H.265, H.264

Control signal port
- RS-232/485

Control protocol
- VISCA/Pelco-D/Pelco-P; Baud rate: 115.200/9.600/4.800/2.400bps

Audio input port
- Dual track 3.5mm linear input

Audio compression format
- AAC, MP3, PCM

Power port
- HEC380G power socket (DC12V)

Holder parameters
- **Horizontal rotation**: -170°~+170°
- **Vertical rotation**: -30°~+90°
- **Horizontal control speed**: 0.1-100°/s
- **Vertical control speed**: 0.1-45°/s
- **Preset speed**: Horizontal: 100°/s, Vertical: 45°/s
- **Preset quantity**: User can set 255 presets at most (10 pcs of mobile control)

Other parameters
- **Power adapter**: Input AC110V-AC220V output DC12V/2.5A
- **Input voltage**: DC12V±10%
- **Input current**: 1.5A (maximum)
- **Power consumption**: 18W (maximum)
- **Storage temperature**: -10°C~+60°C
- **Storage humidity**: 20%~95%
- **Operating temperature**: -10°C~+50°C
- **Operating humidity**: 20%~80%
- **Dimension (WxHxD)**: 254mm X 144mm X 174mm
- **Weight (approx.)**: 1.50kg
- **Operating environment**: Indoor

Remote maintenance (network port)
- Remote upgrade, restart and reset

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.