BZB2GEAR

BG-VPTZ-HSU3
PTZ Full HD 1080p 10x/20x/30x Zoom HDMI/SDI/USB 3.0 Live Streaming Camera with PoE (Available in gray)

The BG-VPTZ-HSU3 is a broadcast-quality PTZ camera with advanced image processing technology and a price that won’t stretch your budget. It features a Full HD CMOS sensor, a max resolution of 1080p60, accurate color reproduction, and simultaneous USB 3.0, 3G-SDI, HDMI, IP Streaming video outputs.

When you combine the long list of features, outstanding image quality, and competitive price, it’s no surprise this is one of BZBGEAR’s most popular cameras.

Pristine Detail, Accurate Color, Quiet Operation

• Optical zoom lens: 10x (25 ft), 20x (50 ft), 30x (75 ft)
• 1080p high definition provides fluid motion, clear image, and accurate colors
• Auto focusing algorithms resulting in quick, accurate, and stable focus
• Quiet, high-quality step motor: 1/2.7” Exmor CMOS (10x), 1/2.8” / CMOS (20x/30x)

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)
• Free BG-PTZ-Control app/program for Apple devices and PCs

Unrivaled Diversity of Connections and Streaming Formats

• Supports RTSP, RTMP, RTMPS, ONVIF, and GB/T28181
• 3G-SDI, HDMI, USB 3.0, LAN / Power over Ethernet
• 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

FREE Software Control Program
BG-PTZ-CONTROL
### Specifications

**Camera Specs**
- **Image Sensor**: 1/2.7” Exmor CMOS (10X), 1/2.8” Exmor CMOS (20X), 1/2.9” Exmor CMOS (30X)
- **Frame Rate**: 1080P60 59.94 / 50 / 30 / 29.97 / 25
  
  1080i60/59.94 / 50 / 30 / 29.97 / 25
  
  720P60/50 / 30 / 25, 480i60, 576i50
- **Zoom**: Optical - 10X/20X/30X
- **F-number**: 1/16(W)-3.5(T) (10X), 16(W)-3.5(T) (20X), 1.3(W)-4.8(T) (30X)
- **Focus**: f=5.9mm-51mm (10X), f=4.7mm-94.0mm (20X), f=5.2mm-148.4mm (30X)
- **Effective Pixels**: 2.70 Megapixel (10X), 2.38 Megapixel (20X), 2.70 Megapixel (30X)
- **View Angle (H)**: 72° (10X), 65° (20X), 65.4° (30X)
- **Min Illumination**: 0.5lux (F 1.8, AGG ON)
- **Shutter Speed**: 1 to 1/10000s
- **Image Adjustment**: Vertical Flip & Mirror Supported

**Input/Output Interface**
- **Video Output**: HDMI, 3G-SDI, USB 3.0, RJ45 Network (100/100M Adaptive Ethernet port)
- **Audio Input**: 1-ch 3.5mm audio interface, Line In
- **Communication interface**: IX RS232 IN, IX RS232 Out, IX RJ45, RS485
- **Power Connection**: DC IN 12V, Power over Ethernet

**Mechanical**
- **Pan/Tilt Rotation**: ±35°; Tilt Rotation Angle -90°~+90°
  
  Pan (90°); Tilt 90°
- **Presets**: Max 255 Presets (Remote 9 Presets)
- **Network Protocol**: VISCA, PELCO P/T, ONVIF Protocol

**IPC Video Features**
- **Video standard**: H.265/H.264/MJPEG
- **Video Stream**: Main stream, Sub stream
- **Main stream resolution**: 1920x1080, 1280x720
- **Sub stream resolution**: 720x480, 320x240
- **Bit Rate Type**: Variable rate, Fixed rate
- **Maximum Frame**: 60fps
- **Audio encode standard**: G.711, G.722, G.721, G.726, G.722.1C AAC
- **Audio stream rate**: 96K, 128K, 256K
- **Supported protocols**: TCP/IP, RTSP, RTMP

**Generic**
- **Dimensions**: (L”xW”xH” 120mmx120mmx445mm
- **Gross Weight**: 3.5 lbs
- **Operating Temperature**: -10°C ~ 50°C
- **Max Consumption**: 12W DC12V@IA

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**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.