FEATUERES

• Resolutions up to 1080p@60Hz

• Broadcast Quality Video: Fluid motion, clear image, accurate colors

• NDI|HX 2: Power, stream, and control all from one CAT 5e/6/7 cable

• Simultaneous Video Outputs: 3G-SDI / HDMI / USB3.0 / IP streaming

• Supports H.264/H.265 video compression and RTMP(S) network protocol for Youtube/Facebook live streaming

• Connect audio mixer output or powered mic and embed audio into your live stream

• Supports ceiling, wall, tripod, or desk mount installations

• Control: RS-232, RS-485, LAN, IR remote control, free control software BG-PTZ-Control (Windows, Mac, iOS).

BG-VPTZN-HSU3
PTZ Full HD 1080P 10X/20X/30X Zoom HDMI/SDI/USB3.0/IP/NDI
Live Streaming Camera with PoE

The BG-VPTZN-HSU3 camera can capture images at resolutions up to 1080p@60Hz. With simultaneous NDI|HX 2, HDMI, 3G-SDI, USB 3.0, and IP streaming outputs this camera can integrate seamlessly with nearly any workflow. Available with 10X, 20X, or 30X optical zoom lenses, the BG-VPTZN-HSU3 produces detailed close-ups in even large venues.

The 3.5mm audio input jack allows the BG-VPTZN-HSU3 to embed audio directly into the video stream. The camera supports H.264 and H.265 video compression formats, and can broadcast in ONVIF, RTSP, and RTMP IP streaming protocols.

FREE Software Control Program
BG-PTZ-CONTROL
Specifications

Camera Specs
- **Image Sensor**: 1/2.7" Exmor CMOS (10X), 1/2.8" Exmor CMOS (20X), 1/2.8" Exmor CMOS (30X)
- **Frame Rate**: 1080p@60/59.94 / 50 / 25 / 29.97 / 25
- **Zoom**: Optical – 10X/20X/30X
- **F-number**: 16(W)-3.5(T) (10X), 16(W)-3.5(T) (20X), 13(W)-4.8(T) (30X)
- **Focus**: f=5.1mm-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 (F1.8, 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 (10/100M Adaptive Ethernet ports)
- **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**: ±17°, Tilt Rotation Angle -30°~+90°
- **Pan**: 90°/s, Tilt: 90°/s
- **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.722.1, G.728, G.722.1C AAC
- **Audio stream rate**: 96K, 128K, 256K
- **Supported protocols**: TCP/IP, RTSP, RTMP

Generic
- **Dimensions**: (L*W*H) 120mm x 120mm x 145mm
- **Gross Weight**: 3.5 lbs [1.6kg]
- **Operating Temperature**: -10°C ~ 50°C
- **Max Consumption**: 12W DC12V~1A

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.