

## 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

### Unrivalled 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), 1/2.8" 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	1.6(W)-3.5(T) (10X), 1.6(W)-3.5(T) (20X), 1.3(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 (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 (10/100M Adaptive Ethernet ports)
Audio Input	1-ch 3.5mm audio interface, Line In
Communication interface	1X RS232 IN, 1X RS232 Out, 1X RJ45, RS485
Power Connection	DC IN 12V, Power over Ethernet
Mechanical	
Pan/Tilt Rotation	±178°, Tilt Rotation Angle -30°~ +90° Pan 90°/s; Tilt: 90°/s
Presets	Max 255 Presets ( Remote 9 Presets)
Network Protocol	VISCA, PELCO P/D, 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	128K, 256K, 384K, 512K, 768K, 1024K, 1536K, 2048K, 3072K, 4096K, 5120K, 6144K, 8192K
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) 120mmx120mmx145mm
Gross Weight	3.5 lbs
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.

<b>Pro AV</b> <b>3</b> Year Warranty	<b>Cameras</b> <b>5</b> Year Warranty	<b>Lifetime</b> Product Support
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