



# **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**

Images Sensor         1/27" Emmir CMOS (DIX), 1/28" Emmir CMOS (20X), 1/28" Emmir CMOS (20X)           Freme Rate         1/20 (2006)/5/98 / 5/01 / 3/ 289 / 7/25           Zoom         2 (2006)/3/128 / 5/01 / 3/ 280 / 5/180 / 3/ 280 / 120 / 3/ 280 / 120 / 3/ 280 / 120 / 3/ 280 / 120 / 3/ 280 / 120 / 3/ 280 / 120 / 3/ 280 / 120 / 3/ 280 / 120 / 3/ 280 / 120 / 3/ 280 / 120 / 3/ 280 / 120 / 3/ 280 / 120 / 3/ 280 / 120 / 3/ 280 / 120 / 3/ 280 / 120 / 3/ 280 / 120 / 3/ 280 / 3/	Camera Specs	
Frame Rates         1008106/105/01924/197125           Zoom         Optical - 10X/20X/30X           F-number         16VM-9-26(T) (DOX), 16(VM)-36(T) (20X), 15(W)-48(T) (30X)           Focus         1-5 Imm-Pollmin (IOX), 1-64/7mm-940/mir (20X), 1-52mm-148.4mm (30X)           Effective Pixels         2.70 Megapikel (DOX), 2.81 Megapikel (20X), 2.70 Megapikel (30X)           Wew Angle (H)         72° (DOX, 65° (20X), 65.4° (30X)           Will Illumination         0.5lok (F 18, AGG ON)           Shutter Speed         110 V100000           Image Aljustment         Vertical Flip & Mirror Supported           Imput/Output Herdrace         HOMB, 30-SDL (USB 30, R.146 Network (10/100M Adaptive Ethernet ports)           Audio Input         1-ch 3.5mm audio interface Line in           Communication interface         10x R2322 Nx IX RS232 Out, IX R.345, R5485           Power Connection         DC IN 12V, Power over Ethernet           Mechanical         1282-TIR Botation Angle -30° - 490°           Presests         Max 255 Presets (Remote 9 Presets)           Network Protocol         Max 255 Presets (Remote 9 Presets)           Network Protocol         1200-0400, 1250-070           Video Stream         Main stream, Sub stream           Main stream resolution         1200-0400, 1250-070           Sib Rate Type         Variable rate, Fixed	Image Sensor	1/2.7" Exmor CMOS (10X), 1/2.8" Exmor CMOS (20X), 1/2.8" Exmor CMOS (30X)
Frumber         16(W)-3.6(T) (10X), 16(W)-3.6(T) (20X), 15(2W)-4.8(T) (30X)           Focus         f+5.Imm-5hmm (10X), f+4.7mm-94.0mm (20X), f+5.2mm-148.4mm (30X)           Effective Pixels         2.70 Megapixel (DX), 2.38 Megapixel (20X), 2.70 Megapixel (30X)           View Angle (H)         72° (10X), 65° (20X), 65° (20X)           Shutter Speed         10 I/00009           Image Adjustment         Vertical Filp & Mirror Supported           Image Adjustment         Vertical Filp & Mirror Supported           Input/Output Interface         Input/Output           Video Output         HDMI, 3G-SDL (USB 30, RJ45 Network (10/100M Adaptive Ethernet ports)           Audio Input         1-ch. 3.5mm audio interface, Line in           Communication interface         1X R2322 IN, IX R5232 Out, IX RJ45, R5495           Power Connection         DX 12 Yower over Ethernet           Mochanical         3178°, Tilt Rotation Angle -30° - 90° Pon 90° X; Tilt -90° X; Tilt -	Frame Rate	1080160/59.94 / 50 / 30 / 29.97 / 25
Focus         f=8.mm-Simm (IOX), f=4.mm-94.0mm (2OX), f=5.2mm-148.4mm (3OX)           Effective Pivels         270 Megapivel (IOX), 2.38 Megapivel (2OX), 270 Megapivel (3OX)           View Angle (H)         72° (IOX), 65° (2OX), 65.4° (3OX)           Min Illumination         OBJux (F 18, AGG ON)           Shutter Speed         1 to 1/0000s           Image Adjustment         Vertical Flip & Miror Supported           Popt/Votput 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         DE IN 12V, Power over Ethernet           Mechanical         4 T28°, 11R Rotation Angle -30° - 90° angle -	Zoom	Optical - 10X/20X/30X
Effective Pixels         270 Megapixel (10X), 238 Megapixel (20X), 270 Megapixel (30X)           View Angle (H)         72° (10X), 65° (20X), 65.4° (30X)           Min Illumination         0.5kux (F1.8, AGG ON)           Shutter Speed         1 to V10000s           Image Adjustment         vertical Flip & Mirror Supported           Input/Output Interface         V1000 Liput           Video Output         HDML 3G-SDL USB 3.0. RJ45 Network (10/100M Adaptive Ethernet ports)           Audio Input         1-ch 3.5mm audio interface, Line In           Communication interface         1X 82322 IN IX 82322 Out, IX RJ45, RS485           Power Connection         DC IN 12X, Power over Ethernet           Mechanical         4178*, Till Rotation Angle -30* - +90* Pan 90* P	F-number	1.6(W)-3.5(T) (10X), 1.6(W)-3.5(T) (20X), 1.3(W)-4.8(T) (30X)
View Angle (+1)         72° (10X), 65° (20X), 65.4° (30X)           Min Illumination         05lux (F.18, AGQ ON)           Shutter Speed         1 to 1/10000s           Image Adjustment         vertical Flip & Mirror Supported           Input/Output Interface         Video Output           Video Output         HDML 3G-SDL 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, IX RS232 Out, IX RJ45, RS485           Power Connection         DC IN 12X, Power over Ethernet           Mechanical         Part State of Power Over Ethernet           Mechanical         128* (Till Rotation Angle -30" + 90" * Part 90" * Part 90' P	Focus	f=5.1mm~51mm (10X), f=4.7mm~94.0mm (20X), f=5.2mm~148.4mm (30X)
Min illurination         0.5kw (F 18, AGG ON)           Shutter Speed         1 to 1/10000s           Image Adjustment         Vertical Flip & Mirror Supported           Input/Output Interface         Video Output           Video Output         HDMI, 3G-SDL USB 3.0, RJ45 Network (10/100M Adaptive Ethernet ports)           Audio Input         1-ch 3.5mm audio interface, Line In           Communication interface         12 R 8322 IN IX 88232 Out, IX RJ45, RS485           Power Connection         DC IN 12V, Power over Ethernet           Mechanical         ***********************************	Effective Pixels	2.70 Megapixel (10X), 2.38 Megapixel (20X), 2.70 Megapixel (30X)
Shutter Speed         1 to 1/0000s           Image Adjustment         Vertical Flip & Mirror Supported           Input/Output Interface         Input/Output Interface           Video Output         HDMI, 3G-SDL USB 30, RJ45 Network (10/100M Adaptive Ethernet ports)           Audio Input         1-ch 3.5mm audio interface, Line In           Communication interface         IX R3232 IN IX R3232 Out, IX RJ45, RS485           Power Connection         DC IN 12V, Power over Ethernet           Mechanical         ***********************************	View Angle (H)	72° (10X), 65° (20X), 65.4° (30X)
Image Adjustment         Vertical Flip & Mirror Supported           Input/Output Interface           Video Output         HDMI, 3G-SD, USB 3.0, RJ45 Network (10/100M Adaptive Ethernet ports)           Audio Input         1-ch 3.5mm audio interface, Line In           Communication interface         IX RS232 INI, IX RS232 Out; IX RJ45, RS485           Power Connection         DC IN 12V, Power over Ethernet           Mechanical         ———————————————————————————————————	Min Illumination	0.5lux (F 1.8, AGG ON)
Input/Output Interface           Video Output         HDMI, 3G-SDL USB 3.0. R.J45 Network (10/10OM Adaptive Ethernet ports)           Audio Input         1-ch 3.5mm audio interface, Line In           Communication interface         IX RS232 INI, IX RS232 Out, IX R.J45, RS485           Power Connection         DC IN 12V, Power over Ethernet           Mechanical           # 178* Tilt Rotation Angle -30°- +90° Pare 90° Pare 90	Shutter Speed	1 to 1/10000s
Video Output HDMI, 3G-SDI, USB 30, RJ45 Network (10/10OM 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/Tit Rotation 3178*, Tit Rotation Angle -30* - +90* Pan 90*/s, Tit: 90*/s  Presets Max 255 Presets (Remote 9 Presets)  Network Protocol VISCA, PELCO P/D, ONVIF Protocol  IPC Video Features  Video Stream Main stream, Sub stream  Main stream resolution 1920x1080, 1280x720  Sub stream resolution 720x480, 320x240  Bit Rate 128K, 256K, 384K, 151K, 768K, 1024K, 1536K, 2048K, 3072K, 4096K, 5120K, 6144K, 8192K  Bit Rate Type Variable rate, Fixed rate  Maximum Frame 60*/ps  Audio encode standard 371L, G.722, G.7221, G.728, G.7221C AAC  Audio stream rate 96K, 128K, 256K  Supported protocols 1C+W*+) 120mmxt20mmxt45mm  Gross Weight 3.5 lbs  Operating Temperature - 10*C - 50*C	Image Adjustment	Vertical Flip & Mirror Supported
Audio Input I-ch 3.5mm audio Interface, Line In Communication Interface IX R2322 IN, IX RS232 Out, IX RJ45, RS485 Power Connection DC IN 12V, Power over Ethernet  Mechanical  Mechanical  #1781, Tilt Rotation Angle ~30^- +90^+ Pan 90^*/s, Tilt: 90^*/s, Tilt: 90^*/s Pan 90^*/s, Tilt: 90^*/s Presets Max 255 Presets (Remote 9 Presets) Network Protocol VISCA, PELCO P/D, ONVIF Protocol  #PC Video Features  Video Standard H.265/H.264/M.JPEG  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.71I, G.722, G.722.I, G.728, G.722.IC 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	Input/Output Interface	
Communication interface         IX RS232 IN. IX RS232 Out, IX RJ45, RS485           Power Connection         DC IN I2V, Power over Ethernet           Mechanical           Pan/Tilt Rotation         ±1781, 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           Video Standard         H.265/H.264/M.JPEG           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.71I, G.722, G.7221, G.728, G.7221C 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	Video Output	HDMI, 3G-SDI, USB 3.0, RJ45 Network (10/100M Adaptive Ethernet ports)
Power Connection         DC IN 12V, Power over Ethernet           Mechanical           Pan/Tilt Rotation         ±178*, Tilt Rotation Angle ~30*~ +90*           Presets         Max 255 Presets ( Remote 9 Presets)           Network Protocol         VISCA, PELCO P/D, ONVIF Protocol           IPC Video Features         Video standard           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         G71L G722, G722L, G728, G722.IC AAC           Audio stream rate         96K, 128K, 256K           Supported protocols         TCP/IP, RTSP, RTMP           Generic         Universions           Dimensions         (L*W*H) 120mmx120mmx145mm           Gross Weight         3.5 lbs           Operating Temperature         -10°C - 50°C	Audio Input	1-ch 3.5mm audio interface, Line In
Mechanical           Pan/Tilt Rotation         ±178°, Tilt Rotation Angle ~30°- ~90° presets           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.71L G.722, G.7221, G.728, G.7221C AAC           Audio stream rate         96K, 128K, 256K           Supported protocols         TCP/IP, RTSP, RTMP           Generic           Dimensions         (L*W*H) 120mmxl20mmxl45mm           Gross Weight         3.5 lbs           Operating Temperature         -10°C - 50°C	Communication interface	IX RS232 IN, IX RS232 Out, IX RJ45, RS485
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           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         Q.711, Q.722, Q.7221, Q.722, Q.7221C AAC           Audio stream rate         96K, 128K, 256K           Supported protocols         TCP/IP, RTSP, RTMP           Generic         Umensions           Dimensions         (L*W*H) 120mmx120mmx145mm           Gross Weight         3.5 lbs           Operating Temperature         -10°C - 50°C	Power Connection	DC IN 12V, Power over Ethernet
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 Stream           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.71L, G.722, G.722.L, G.728, G.722.IC AAC           Audio stream rate         96K, 128K, 256K           Supported protocols         TCP/IP, RTSP, RTMP           Generic         Dimensions           CI+W*H) 120mmx120mmx145mm           Gross Weight         3.5 lbs           Operating Temperature         -10°C - 50°C	Mechanical	
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.71I, G.722, G.722.I, G.728, G.722.IC 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	Pan/Tilt Rotation	
IPC Video Features           Video standard         H265/H264/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         G71L, G722, G722L, G728, G722LC AAC           Audio stream rate         96K, 128K, 256K           Supported protocols         TCP/IP, RTSP, RTMP           Generic         Dimensions           Dimensions         (L*W*H) 120mmx120mmx145mm           Gross Weight         3.5 lbs           Operating Temperature         -10°C - 50°C	Presets	Max 255 Presets ( Remote 9 Presets)
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.71I, G.722, G.722.I, G.728, G.722.IC AAC           Audio stream rate         96K, 128K, 256K           Supported protocols         TCP/IP, RTSP, RTMP           Generic         Dimensions         (L*W*H) 120mmxl20mmxl45mm           Gross Weight         3.5 lbs           Operating Temperature         -10°C ~ 50°C	Network Protocol	VISCA, PELCO P/D, ONVIF Protocol
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.71I, G.722, G.722.I, G.728, G.722.IC 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	IPC Video Features	
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         Q.71I, Q.722, Q.722.I, Q.728, Q.722.IC AAC           Audio stream rate         96K, 128K, 256K           Supported protocols         TCP/IP, RTSP, RTMP           Generic         Dimensions           Qross Weight         3.5 lbs           Operating Temperature         -10°C ~ 50°C	Video standard	H.265/H.264/MJPEG
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           Gross Weight         3.5 lbs           Operating Temperature         -10°C ~ 50°C	Video Stream	Main stream, Sub stream
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.71I, G.722, G.722.I, G.728, G.722.IC AAC         Audio stream rate       96K, 128K, 256K         Supported protocols       TCP/IP, RTSP, RTMP         Generic       Dimensions         CL*W*H) 120mmx120mmx145mm         Gross Weight       3.5 lbs         Operating Temperature       -10°C ~ 50°C	Main stream resolution	1920x1080, 1280x720
Bit Rate Type Variable rate, Fixed rate  Maximum Frame 60fps  Audio encode standard G.71I, G.722, G.722.I, G.728, G.722.IC 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	Sub stream resolution	720x480, 320x240
Maximum Frame         60fps           Audio encode standard         Q.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           Cl*W*H) 120mmx120mmx145mm           Gross Weight         3.5 lbs           Operating Temperature         -10°C ~ 50°C	Bit Rate	128K, 256K, 384K, 512K, 768K, 1024K, 1536K, 2048K, 3072K, 4096K, 5120K, 6144K, 8192K
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	Bit Rate Type	Variable rate, Fixed rate
Audio stream rate         96K, 128K, 256K           Supported protocols         TCP/IP, RTSP, RTMP           Generic         Dimensions           Quality (L*W*H) 120mmx120mmx145mm           Gross Weight         3.5 lbs           Operating Temperature         -10°C ~ 50°C	Maximum Frame	60fps
Supported protocols         TCP/IP, RTSP, RTMP           Generic         Dimensions         (L*W*H) 120mmx120mmx145mm           Gross Weight         3.5 lbs           Operating Temperature         -10°C ~ 50°C	Audio encode standard	G.711, G.722, G.722.1, G.728, G.722.1C AAC
Generic           Dimensions         (L*W*H) 120mmx120mmx145mm           Gross Weight         3.5 lbs           Operating Temperature         -10°C ~ 50°C	Audio stream rate	96K, 128K, 256K
Dimensions         (L*W*H) 120mmx120mmx145mm           Gross Weight         3.5 lbs           Operating Temperature         -10°C ~ 50°C	Supported protocols	TCP/IP, RTSP, RTMP
Gross Weight 3.5 lbs  Operating Temperature -10°C ~ 50°C	Generic	
Operating Temperature -10°C ~ 50°C	Dimensions	(L*W*H) 120mmx120mmx145mm
	Gross Weight	3.5 lbs
Max Consumption 12W DC12V@1A	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.



