

BG-LVPTZ

12x/20x/30x PTZ Zoom Full HD HDMI/SDI Live Streaming Camera with PoE (Available in gray & white)

Designed for flexibility, reliability, and performance, the BG-LVPTZ series features powerful lenses in 12x, 20x, or 30x optical zoom. A robust selection of connections ensures compatibility with a wide range of equipment. Video with maximum resolution of 1080p60Hz is available simultaneously on HDMI, 3G-SDI, and IP streaming over LAN connection.

BZB GEAR

F1.6-F3.5 F5.5m

Pristine Detail, Accurate Color, Quiet Operation

- Optical zoom lens: 12x (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: 1/2.8" 2.07MP low-noise 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)
- 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

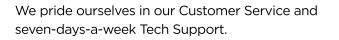
Specifications

SKU	BG-LVPTZ-12XHSP	BG-LVPTZ-20XHSP	BG-LVPTZ-30XHSP
Optical Zoom	12X f=3.9~46.8mm	20X f=5.5~110mm	30X f=4,3~129mm
View Angle	6.3° (tele) 72.5° (wide)	3.3° (tele) 54.7° (wide)	2.34° (tele) 65.1° (wide)
AV	F1.8 – F2.4	F1.6 – F3.5	F1.6 – F4.7

Camera Parameters		PTZ Parameters	
Sensor	1/2.8 inch high quality HD CMOS sensor	Pan Rotation	±170°
Effective Pixels	16:9, 2.07 Megapixel	Tilt Rotation	-30°~+90°
Video Format	HDMI/SDI: 1080P60 / 50 / 30 / 25 / 59.94 /29.97; 1080I60 / 50 / 59.94; 720P60 / 50 / 30 / 25 / 59.94 / 29.97	Pan Control Speed	0.1-180°/sec
Digital Zoom	10X	Tilt Control Speed	0.1-80°/sec
		Preset Speed	Pan: 60°/sec, Tilt: 30°/sec
Minimum Illumination	0.5Lux (F1.8, AGC ON)	Preset Number	255 presets (10 presets by IR remote control)
DNR	2D & 3D DNR	Other Parameters	
White Balance	Auto / Manual/ One Push/ 3000K/ 4000K/5000K/6500K		
Focus	Auto/Manual	Power Supply Adapter	AC110V-AC220V to DC12V/2A
Aperture	Auto/Manual	Input Voltage	DC12V±10%
Electronic Shutter	Auto/Manual	Input Current	1A (Max)
BLC	ON/OFF	Consumption	12W (Max)
WDR	OFF/ Dynamic level adjustment	Store Temperature	-10°C to +60°C
Video adjustment	Brightness, Color, Saturation, Contrast, Sharpness, B/W mode, Gamma curve	Store Humidity	20% - 95%
SNR	>55dB	Working Temperature	-10°C to +50°C
Input/Output Interface		Working Humidity	20% - 80%
Video Interfaces	HDMI, 3G-SDI, IP Streaming (LAN)	Dimension	150mm x 150mm x 167.5mm
Image code stream	Double streams outputs simultaneously	Weight	1.4KG
Video Compression format	H.264, H.265	Working Environment	Indoor
Control Signal Interface	RS-232 Ring through RS232 output, RS-485	Remote Operation (IP)	WebGUI, Remote Upgrade, Reboot and Reset
Control Protocol	VISCA/Pelco-D/Pelco-P; Baud Rate: 115200/9600/4800/2400bps		
Audio input Interface	Double track 3.5mm linear input		
Audio Compression Format	AAC/MP3/PMC Audio compression		
HD IP Interface	100Mb IP port (100BASE-TX); supports VISCA IP control protocol		
Network Protocol	RTSP/RTMP, ONVIF		

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.



HEC3800 outlet (DC12V), PoE

Power Interface





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