BZB**2**GEAR®

BG-LVUPTZ-SD
PTZ Full HD SDI Auto-Tracking
Live Streaming Camera
(Available in silver)

Production teams can really benefit from extra assistance tracking targets. The LVUPTZ-SD series provides auto-tracking operations making it a great addition to any live stream production. This intuitive camera automatically pans, tilts, and zooms to follow the presenter as they move about the stage. Designed with set and forget programming, the LVUPTZ-SD series eliminates the need for full time operators. A crystal-clear Full HD image armed with either 12x and 20x zoom ensures no details are lost.

Pristine Detail, Accurate Color, Quiet Operation

• Optical zoom lens: 12x (25 ft), 20x (50 ft)
• 1080p high definition provides clear, fluid motion and true colors
• Auto focusing algorithms resulting in quick, accurate, and stable focus
• Full HD image through a quiet 1/2.8″ 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)
• Auto-tracking software program creating zoom levels, tracking, and masked off areas

Unrivaled Diversity of Connections and Streaming Formats

• Supports RTSP, RTMP, RTMPS, ONVIF, and GB/T28181
• Dual 3G-SDI, Dual USB 3.0, and Dual IP streaming LAN ports
• 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

Tracking camera, lens parameters

Image sensor	1/2.8" high quality CMOS sensor
Effective pixels	2,070,000 16:9
Video signal	1080P60/50/30/25/59.94/29.971080I60/50/59.94720P60/50/30/25 /59.94/29.97
Lens optics zoom	20X optical zoom f＝4.7~94mm
Visual angle	2.9° (narrow angle) ~ 55.4° (wide angle)
Aperture coefficient	F1.6 ~ F3.5
Digital zoom	10X
Minimum illumination	0.5Lux (F1.8, AGC ON)
Digital noise reduction	2D & 3D digital noise reduction
White balance	Manual/auto/one-key white balance /3000K/ 4000K/5000K/6500K
Focus	Auto/manual
Aperture	Auto/manual
Electronic shutter	Auto/manual
Backlight compensation	On/off
Wide dynamic	Off/dynamic grade adjustment
Video regulation	Brightness, hue, saturation, contrast ratio, sharpness, Gamma
Signal to noise ratio	>55dB

Panoramic lens

Image sensor	1/2.8" high quality CMOS sensor
Effective pixels	2,100,000
Lens	Manual focus
Output port	Network port, 3G-SDI
Field angle (D/H/V)	112°/82°/57.6°

Input/output port and support protocol

Video port	SDI
Network port	100M internet access (10/100BASE-TX) 5GWiFi (optional), support network VISCA control protocol

Network protocol	RTSP, RTMP, ONVIF, GB/T28181
Compression image code stream	Dual stream output
Video compression format	H.265, H.264
Control signal port	RS-232/485
Control protocol	VISCA/Pelco-D/Pelco-P; Baud rate: 115,200/9,600/4,800/2,400bps
Audio input port	Dual track 3.5mm linear input
Audio compression format	AAC, MP3, PCM
Power port	HEC3800 power socket (DC12V)

Holder parameters

Horizontal rotation	-170°~+170°
Vertical rotation	-30°~+90°
Horizontal control speed	0.1 ~ 100°/s
Vertical control speed	0.1 ~ 45°/s
Preset speed	Horizontal: 100°/s, vertical:45°/s
Preset quantity	User can set 255 presets at most (10 pcs of mobile control)

Other parameters

Power adapter	Input AC110V-AC220V output DC12V/2.5A
Input voltage	DC12V±10%
Input current	1.5A (maximum)
Power consumption	18W (maximum)
Storage temperature	-10°C~+60°C
Storage humidity	20%~95%
Operating temperature	-10°C~+50°C
Operating humidity	20%~80%
Dimension (WxHxD)	254mm X 144mm X 174mm
Weight (approx.)	1.50kg
Operating environment	Indoor
Remote maintenance (network port)	Remote upgrade, restart and reset

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.

Pro AV **3** Year Warranty | Cameras **5** Year Warranty | **Lifetime** Product Support

BZB GEAR®
Solutions to Amplify Your World™

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