EX1000 SERIES — IR Laser Dual Output SDI+IP PTZ Camera

● EX1030SHD-B-L5SNAP1

SDIIP TRUE Dual Output

ONVIF

KEY FEATURES

- TRUE Dual Output: 3G-SDI(1080p, 1080i)+IP Simultaneous
- SDI Resolution: Up to 1080p60, 1080i59.94
- Zoom: 30X, 12X Digital Zoom
- Environmental: IP67
- Power: AC 24V, POE 80W
- ONVIF Compliant,PELCO D/P RS485, VISCA RS422

DESIGN

• Bolin Dual Output PTZ cameras provide simultaneous 3G-SDI and IP video outputs for local no latency video and remote IP video steaming.
• It is a TRUE Dual Output PTZ, which outputs SDI with 1080i or 1080P and IP 1080P where other cameras only support SDI 1080P +1080P IP.

• Double sided coating on optical glass with dust and water resistant properties.
• High definition coating to allow increased penetration of light.

• Hardened metal alloy casing shape are ideal for extreme weather condition use.
• Resistance to high wind, wind load durability: 60m/s.
• Extra vertical 30° tilt angle gives greater view of upper area.

• IP67 rating for protection against moisture and dust
• Corrosion resistant treated housing for salt spray environment use.
• Nitrogen filed housing ensures moisture free air inside the camera housing and provides added protection against effects of condensation due to harsh environments.

• Stainless steel ball bearing assembly to provide extended life with minimized corrosion.
• Water resistance with waterproof shaft and oil seal with stainless steel structure.

• ZDP - Zero Deviation Positioning technology ensures high precision and accuracy when using PTZ preset programming by minimizing deviation of presets and patrol positions over time.
• High precision closed-loop stepper motors and gears provide accuracy, smoothness, stability and quietness of Pan/Tilt movements.

FUNCTIONALITY

- SDI video resolution supports up to 1080p60, 1080i59.94; IP video resolution supports up to 1080P30 (Coming Soon 1080P60).
- Extreme quiet and smooth speed adjustable PTZ movements.
- 3D Positioning
- ±120° tilt / ±360° pan range, Adaptive speed 0.1°-80°/s
- 255 Presets, Speed: 80°/s adjustable.
- IR Laser Illumination: 500 meters Adaptive
- Control: RS485, IP,RS422
- Nitrogen Filled Housing.
- SDI video output ONLY PTZ camera is available.

ORDER INFORMATION

• EX1030SHD-B-L5SNAP1 (SDI+IP)   • EX1030SHD-B-L5SA1 (SDI)
• EX1030SHD-S-L5SNAP1 (SDI+IP)   • EX1030SHD-S-L5SA1 (SDI)
• Model with "B" Class for Broadcast use; Model with "S" Class for Security or other use.
• Bolin PoE 80W Power Injector sold seperately. Model number:BL-PP80

Product Specification

Model No.	EX1030SHD-B-L5SNAP1	EX1030SHD-B-L5SA1	EX1030SHD-S-L5SNAP1	EX1030SHD-S-L5SA1
Camera		**30X**		
Image Sensor		1/2.8 inch CMOS 2.13MP		
Lens		20X, 4.3~129mm, 12X Digital Zoom		
Horizontal Angle of View		63.7°(W)~2.3°(T)		
Aperture		F1.6(W)~F4.7(T)		
Min. Illumination		Color: 0.01 lux (F1.6,AGC on,1/30s, High sensitive mode), 0.1 lux(F1.6,AGC on,1/30s, Normal sensitive mode)		
Shutter Speed		1/1~1/10000s		
Focus		Auto, Push		
White Balance		Auto, Manual		
Exposure		Auto,Manual,Shutter/Iris Priority		
Day/Night		YES		
Backlight Compensation		YES		
WDR		YES, 120db		
Privacy Zone Masking		-		
Defog		YES		
Motion Detection		YES		
Noise Reduction		2D/3D		
S/N Ratio		≥50db		
Mechanical				
Pan Movement		Horizontal: ±360° continuous pan (Zoom Adaptive Speed Range: 0.1°～80°/s)		
Tilt Movement		Vertical:+90° to -15° (Zoom Adaptive Speed Range: 0.1°～90°/s)		
Preset Position		255 (Preset Speed: 80°/s)		
Home Position		YES		
Cruise		Support up to 8 different path movements		
Environmental		Outdoor, IP67, Corrosion Resistant Treated Housing, Wind Load Durability: 60m/s, Nitrogen Filled Housing.		
Illumination		IR Laser. The adaptive IR Laser can be synchronized with different zoom angle. Illumination distance is up to 500 Meters.		
Network		**ONLY apply to the model number with "N"**		
Video Compression		MJPEG,H.264		
IP Resolution/Frame Rate		Supports: 1080p:30/25, 720p:30/25/PAL (Coming Soon: 1080p60/50, 720p60/50)		
Protocols		L2TP,IPv4,IGMP,ICMP,ARP,TCP,UDP,DHCP,PPPoE,RTP,RTSP,QoS,DNS,DDNS,NTP,FTP,UPnP,HTTP,SNMP,SIP		
Multi-stream		3 stream		
Audio Compression		AAC-LC Broadband Audio Encoding		
OSD		Customized OSD		
Compatible Integration		ONVIF		
3G-SDI Signal				
3G-SDI		Signal Fluctuations 800mv -/+10% (external cable extension requirements 75-5, 128 twisted pair shielding , coaxial cable)		
SDI Signal Format	B Class		S Class	
	1080p: 60/59.94/50/30/29.97/25,1080i: 60/59.94/50, 720p: 60/59.94/50/30/25		1080p: 60/50/30/25, 720p: 60/50/30	
Interface				
Network	10M/100M Base-TX Ethernet, RJ45	-	10M/100M Base-TX Ethernet, RJ45	-
Control Interface	IP, RS485,RS422	RS485,RS422	IP, RS485,RS422	RS485,RS422
Control Protocol	Pelco P,D / IP Onvif / VISCA	Pelco P,D / VISCA	Pelco P,D / IP Onvif / VISCA	Pelco P,D / VISCA
Audio I/O		Input: Impedance 35kΩ, Amplitude 2V [p-p]; Output: Impedance 600kΩ, Amplitude 2V [p-p], (Not avtivated to None-IP models)		
Alarm I/O		Alarm Input X1, Alarm Output 1X1		
Edge Storage	Micro SD, Up to 64GB(Optional)	-	Micro SD, Up to 64GB	-
General				
Operating Temperature		-40℃ to +60℃		
Operating Humidity		80% Suitable for Use		
Power Input		AC 24V, PoE 80W Ready (Bolin PoE 80W Injecter needed, optional)		
Power Consumption		15W (Close IR) 30W (IR Laser ON)		
Dimension		Φ180×423mm		
Weight		10.2kg		

All models and specifications are subject to change without notice.

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