

# Bolin Technology EX1030SHD-S-L5SA1 IR Laser Dual Output SDI PTZ Camera for Security use/30 Optical Zoom

## Camera

Image Sensor	1/2.8 inch CMOS 2.13MP
Lens	30X, 4.3~129mm, 12X Digital Zoom
Horizontal Angle of View	63.7°(W)~2.3°(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)
True WDR	Yes(120dB)
Day/Night	YES
Backlight Compensation	YES
Defog	YES

## Resolution/Frame Rate

IP Resolution/Frame Rate	Supports: 1080p:30/25, 720p:30/25/PAL (Coming Soon: 1080p60/50, 720p60/50)
SDI Resolution/Frame Rate (Class B for Broadcast Use)	1080p: 60/59.94/50/30/29.97/25, 1080i: 60/59.94/50, 720p: 60/59.94/50/30/ 25
SDI Resolution/Frame Rate (Class S for Security or Other Use)	1080p: 60/50/30/25, 720p: 60/50/30/25

## Mechanical

Pan Movement	Horizontal: ±360° continuous pan (Zoom Adaptive Speed Range: 0.05°■150°/S )
Tilt Movement	Vertical:+90° to -30° (Zoom Adaptive Speed Range: 0.05°■90°/S)
Preset Position	255■ Preset Speed: 80°/S)
Accuracy	ZDP - Zero Deviation Positioning technology for high accuracy
Cruise	Support up to 8 different path movements
Environmental A	Outdoor/Indoor, IP67, Corrosion Resistant Treated Housing
Environmental B	Wind Load Durability: 60m/s. Nitrogen Filled Housing(Optional)
Adaptive Laser Illuminator	According to various zoom ratio, the laser would be synchronized with different angle illumination.Illumination distance is up to 500 Meter.
Illumination	Adaptive distance up to 500 meters.

## Interface

Network	10M/100M Base-TX Ethernet, RJ45
3G-SDI Video Output	1XBNC
Control Interface	IP, RS485, RS422
Control Protocol	Pelco P,D / IP Onvif, VISCA
Audio I/O	Input: Impedance 35kΩ, Amplitude 2V [p-p]; Output: Impedance 600kΩ, Amplitude 2V [p-p]
Alarm I/O	Alarm Input 1, Alarm Output 1
Edge Storage	Micro SD, Up to 64GB (Optional)

## Network

Video Compression	MJPEG, H.264
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, P,SNMP,SIP, IP Auto Adaptations, Effective monitoring even under data loss environment
Multi-stream	Triple stream
Compatible Integration	ONVIF

**HD-SDI Signal**

3G-SDI	BNC interface, Signal Fluctuations 800mv +/-10% (external cable extension requirements 75-5,128 twisted pair shielding,coaxial cable)
SDI Resolution/Frame Rate (Class B for Broadcast Use)	1080p: 60/59.94/50/30/29.97/25/23.98, 1080i: 60/59.94/50, 720p: 60/59.94/50/30/25
SDI Resolution/Frame Rate (Class S for Security or Other Use)	1080p: 60/50/30/25/, 720p: 60/50/30

**General**

Operating Temperature	-40■ to +60■
Operating Humidity	80% Suitable for Use
Power Input	AC 24V, PoE 80W (Bolin PoE 80W Injector needed, optional)
Power Consumption	15W■Laser beam Off■ 30W■IR Laser On■
Dimension	Φ180×423mm
Weight	10.2kg
Gross Weight (Approximate)	13KG/28LBS
Packing Dimension (Approximate)	cm: W58XD38XH33; Inch: W23XD14XH13