

● SD530SHD-B-RSN2PW

KEY FEATURES



- TRUE Dual Output: 3G-SDI(1080p, 1080i)+IP Simultaneous
- SDI Resolution: Up to 1080p60, 1080i59.94
- IP Resolution: Up to 1080p60
- Zoom: 30X, 12X Digital Zoom
- Image Stabilizer and True WDR 130dB
- Environmental: IP67
- Power: AC 24V, POE(IEEE802.3bt)
- PELCO D/P, Visca, Visca Over IP, Onvif IP

DESIGN



Bolin SD500 Series PTZ camera equipped with high-sensitive, high-quality Sony image module provides crisp and superb Full-HD image quality even in low-light environments. Wide range of features for versatile operation: Low Latency Mode, 120dB true WDR, De-fog, HLC(High Light Compensation), Auto ICR. And comprehensive image parameter (Exposure/White Balance/Focus) setting for broadcast, Pro AV and surveillance applications.



- Bolin Dual Output PTZ cameras provide simultaneous 3G-SDI and IP video outputs for local no latency video and remote IP video streaming.
- 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.



- IP67 rating for protection against moisture and dust
- Corrosion resistant treated housing for salt spray environment use.
- Built in Heater-Blower for minimizing possible effects of condensation under severe temperature changes.



- 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.



- Hardened metal alloy casing shape are ideal for extreme weather condition use.
- Extra vertical 15° tilt angle gives greater view of upper area.



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

FUNCTIONALITY

- SDI video resolution supports up to 1080p60, 1080i59.94; IP video resolution supports up to 1080P60.
- Extreme quiet and smooth speed adjustable PTZ movements.
- 3D Positioning, Store Color Parameter to a specified preset
- IR Illumination: 100 meters Adaptive
- ±105° tilt / ±360° pan range, Adaptive speed 0.1°-150°/s
- 255 Presets, Speed: 150°/s adjustable.
- RS422/485(Visca/Pelco P/D), IP(Visca Over IP/Onvif IP), HTTP RTMP supported.
- Rain wiper available.
- Firmware upgrade via IP
- SDI video output ONLY PTZ camera is available.



Tail-Cable

Product Specification

Model No	SD530SHD-B-RSN2PW	SD530SHD-B-LSAW	SD530SHD-S-LSN2PW	SD530SHD-S-LSAW
Camera	30X			
Image Sensor	1/2.8" CMOS 2.13MP			
Lens	30X, 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 Focus, Manual Focus, One Push Trigger			
White Balance	AUTO, ATW, Indoor, Outdoor, One Push WB, Manual WB, Outdoor Auto, Sodium Vapor Lamp			
Exposure	Full Auto, Gain, Shutter Priority, Iris Priority, Manual, Bright			
Day/Night	YES			
Backlight Compensation	YES			
WDR	YES, 120db			
Privacy Zone Masking	YES			
Defog	YES			
Motion Detection	YES			
Noise Reduction	2D/3D			
S/N Ratio	≥50db			
Low Latency Mode	YES			-
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 4 different path movements			
Environmental	Outdoor, IP67, Corrosion Resistant Treated Housing			
Illumination	IR. The adaptive IR can be synchronized with different zoom angle. Illumination distance is up to 80 Meters.			
Network	ONLY apply to the model number with "N2"			
Video Compression	MJPEG,H.264/H.265			
IP Resolution/Frame Rate	1920x1080p60/50/30/25, 1280x720p60/50			
Protocols	TCP/IP, ICMP, ARP, RTP, SIP, UDP, HTTP, DNS, DHCP, FTP, NTP, RTMP, RTSP			
Multi-stream	3 data stream function will satisfy various bandwidth, frame rates and storage requirements in real time			
Audio Compression	AAC-LC Broadband Audio Encoding(Duplex Communicate Supported, Audio/Video synchronization)			
OSD	Customized OSD			
Compatible Integration	ONVIF2.4 (Profile S), VISCA Over IP			
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 1080p: 60/59.94/50/30/29.97/25,1080i: 60/59.94/50, 720p: 60/59.94/50/30/25		S Class 1080p: 60/50/30/25, 720p: 60/50/30	
Interface				
Network	10M/100M Base-TX Ethernet, RJ45	Not Activated	10M/100M Base-TX Ethernet, RJ45	Not Activated
Control Interface	IP, RS485,RS422	RS485,RS422	IP, RS485,RS422	RS485,RS422
Control Protocol	Pelco-D/P, IP Onvif, Visca, Visca Over IP	Pelco-D/P, Visca	Pelco-D/P, IP Onvif	Pelco-D/P
Audio I/O	Input: Impedance 35kΩ, Amplitude 2V [p-p]; Output: Impedance 600kΩ, Amplitude 2V [p-p], (Not activated for None-IP models)			
Alarm I/O	Alarm Input X1, Alarm Output 1X1 (Not activated with IP Feature)			
FW Upgrade	Via IP			
General				
Operating Temperature	-40°C to +60°C			
Operating Humidity	100% Suitable for Use			
Power Input	AC 24V, DC±24V, PoE(Compatible with IEEE802.3bt), Use high power(up to 97W) Bolin PoE Injector (Optional)			
Power Consumption	Min:22 W; Max: 68W (Fully loaded operation with heater and IR on)			
Dimension	Φ210×333mm			
Weight	5.0kg			
Wiper	YES			

ORDER INFORMATION

- SD530SHD-B-RSN2PW (SDI+IP)
- SD530SHD-B-RSAW (SDI)
- High powerPoE Injector sold separately. Model number:BL-PP97
- SD530SHD-S-RSN2PW (SDI+IP)
- SD530SHD-S-RSAW (SDI)
- Model with "B" Class for Broadcast use; Model with "S" Class for Surveillance or other application.