

## ● 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
- HTML5 Cross Browser compatibility
- 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 image 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), RTSP, RTMP supported. HTML5 Cross Browser compatibility
- Rain wiper is included.
- Firmware upgrade via IP.



# Product Specification

Model No	SD530SHD-B-RSN2PW	SD530SHD-B-RSAW
<b>Camera</b>	<b>30X</b>	
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	
<b>Mechanical</b>		
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.	
<b>Network</b>	<b>ONLY apply to the model number with "N2"</b>	
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	-
Browser Support	Cross Browser Compatibility - HTML5 support for Microsoft Edge, Google Chrome, Firefox, and Safari	-
<b>3G-SDI Signal</b>		
3G-SDI	Signal Fluctuations 800mv +/-10% (external cable extension requirements 75-5, 128 twisted pair shielding , coaxial cable)	
SDI Signal Format	B Class	
Standard	1080p: 60/59.94/50/30/29.97/25,1080i: 60/59.94/50, 720p: 60/59.94/50/30/25	
On-Screen Title	SMPTE 292(1.5Gb/s), SMPTE 425-A(3Gb/s) With SMPTE352 SDI Metadata Supported	
	YES, SDI video embedded On-Screen title character generator	
<b>Interface</b>		
Network	10M/100M Base-TX Ethernet, RJ45	Not Activated
Control Interface	IP, RS485,RS422	RS485,RS422
Control Protocol	Pelco-D/P, IP Onvif, Visca, Visca Over IP	Pelco-D/P, Visca
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	Via Serial Port (Not available for end-user to upgrade)
<b>General</b>		
Operating Temperature	-40 to +60	
Operating Humidity	100% Suitable for Use	
Power Input	AC 24V, DC±24V, PoE(Compatible with IEEE802.3bt), (Bolin PoE 97W High Power POE Injector recommended, Optional)	AC 24V, DC±24V
Power Consumption	Min: 37W(Static state with no movement); Max: 55W (Fully loaded operation with heater and IR LED on)	
Dimension	Φ210×333mm	
Weight	5.0kg	
Wiper	YES	

## ORDER INFORMATION

- SD530SHD-B-RSN2PW (SDI+IP)
- SD530SHD-B-RSAW (SDI, Special Order)
- Bolin 97W High Power POE Injector sold separately. Model number:BL-PP97
- Wall Mount: SD-WM
- Ceiling Mount: BL-SD-CMS

All models and specifications are subject to change without notice.

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