SD500 SERIES

4K PTZ IP Dome Camera

● SD522B4K-RNAPW

KEY FEATURES

- ● Resolution: 4K(3840X2160), 1080p
- ● Zoom: 22X, 16X Digital Zoom
- ● Video Output: IP
- ● IR Illumination: 100 meters Adaptive
- ● Environmental: IP67
- ● Power: AC 24V, POE(IEEE802.3bt)
- ● ONVIF Compliant

DESIGN

• 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.

• Adaptive illumination with intelligent sensors to auto adjust for lighting conditions to output optimal image quality.

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

• Built in Pressure Equalization to protect internal components and motor performance under extreme conditions.

• 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

- ● IP video resolution supports up to 12MP(4000x3000)/20, 4K(3840x2160)/30, 1080p/30.
- ● Video Output: IP (H.264/H.265), Triple video streaming.
- ● True WDR: 120dB
- ● Tail-Cable Type A provides additional features: Alarm Input/Output, Audio In/Out, CVBS video.
- ● Extreme quiet and smooth speed adjustable PTZ movements.
- ● 3D Positioning
- ● IR Illumination: 100 meters Adaptive
- ● ±105° tilt / ±360° pan range, Adaptive speed 0.1°-150°/s
- ● 255 Presets, Speed: 150°/s, 8 Cruises
- ● Rain wiper is included.

Product Specification

Model No.	SD522B4K-RNAPW
Camera	**22X**
Image Sensor	1/1.7" CMOS 8MP
Lens	22X, 6.5~143mm, 16X Digital Zoom
Horizontal Angle of View	59.6°(W)~3.9°(T)
Aperture	F1.5(W)~F3.4(T)
Min. Illumination	0.025 lux(F1.5, AGC ON, Color), 0.0025 lux(F1.5, AGC ON, B/W)
Shutter Speed	1/6~1/8000s
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	YES
Defog	YES
Motion Detection	YES, 4 Zones
Noise Reduction	2D/3D
S/N Ratio	≥50db
Mechanical	
Pan Movement	Horizontal: ±360° continuous pan (Zoom Adaptive Speed Range: 0.1°～150°/S)
Tilt Movement	Vertical:+90° to -15° (Zoom Adaptive Speed Range: 0.1°～90°/S)
Preset Position	255 (Preset Speed: 150°/S)
Home Position	YES
Cruise	Support up to 8 different path movements
Environmental	Outdoor/Indoor, IP67, Corrosion Resistant Treated Housing
Infrared	The adaptive infrared can be synchronized with different zoom angle. Illumination distance is up to 100 Meters.
Network	
Video Compression	MJPEG,H.264, H.265
Resolution/Frame Rate	12MP(4000X3000)20; 8MP(3840X2160)30/25; 6MP(3072X2048)30/25; 5MP(3072X1728)30/25; 2560*2048p:30/25; 2560*1920P30/25; 3MP(2048X1536)30/25; 2MP(1920X1080)30/25
Protocols	L2TP,IPv4,IGMP,ICMP,ARP,TCP,UDP,DHCP,PPPoE,RTP,RTSP,QoS,DNS,DDNS,NTP,FTP,UPnP,HTTP,SNMP,SIP
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
OSD	Customized OSD
Compatible Integration	ONVIF 2.4
Interface	
Network	10M/100M/1000M Base-TX Ethernet, RJ45
Video: Analog (Tail-Cable A)	1XBNC
Audio I/O (Tail-Cable A)	Input: Impedance 35kΩ, Amplitude 2V [p-p]; Output: Impedance 600kΩ, Amplitude 2V [p-p]
Alarm I/O (Tail-Cable A)	Alarm Input X1, Alarm Output 1X1
Control (Tail-Cable A)	RS485 (Not Activated)
Edge Storage	Micro SD, Up to 128GB (Optional)
General	
Operating Temperature	-40 to +60
Operating Humidity	80% Suitable for Use
Power Input	AC 24V, PoE(IEEE 802.3bt) (Bolin PoE 97W High Power POE Injector recommended, Optional)
Power Consumption	Min: 20W(Static state with no movement); Max: 45W (Fully loaded operation with heater and IR LED on)
Dimension	Φ210×333mm
Weight	5.8kg
Rain Wiper	Included

ORDER INFORMATION

- SD522B4K-RNAPW   (IP)   • Bolin 97W High Power POE Injector sold seperately. Model number:BL-PP97
- Wall Mount: SD-WM   • Ceiling Mount: BL-SD-CMS

BOLIN TECHNOLOGY