

● SD522B4K-RNAP

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 80W
- 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.



- 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.



- 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.

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, RS485(Not Activated), Audio In/Out, CVBS video.
- 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 available.



Tail-Cable Type N



Tail-Cable Type A

Product Specification

| | |
|------------------------------|---|
| Model No. | SD522B4K-RNAP |
| 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,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°C to +60°C |
| Operating Humidity | 80% Suitable for Use |
| Power Input | AC 24V, PoE 80W Ready (Bolin PoE 80W Injector needed, optional) |
| Power Consumption | Min: 15W; Max: 60W (-40°C) |
| Dimension | Φ210×333mm |
| Weight | 5.8kg |
| Rain Wiper | Optional |

ORDER INFORMATION

- SD522B4K-RNAP (IP)
- SD522B4K-RNAPW (IP, Wiper)
- Bolin PoE 80W Power Injector sold seperately. Model number:BL-PP80
- Tail-Cable Type N camera (model without A) is available for special order.