

# SD530 SERIES Intelligent Ultra Low Light High Speed IP Dome Camera

## ● SD530/536PHD-IRNXG

## KEY FEATURES



- Starlight Model. 0.003lux color
- Resolution: 1080P, 720P
- Zoom: 30X / 36X
- Video Output: IP
- IR Illumination: 490ft Adaptive
- Environmental: IP67
- Power: AC 24V, POE
- ONVIF Compliant

## DESIGN



- Double sided coating on optical glass with dust and water resistant properties.
- High definition coating to allow increased penetration of light.



- Water resistance with waterproof shaft and oil seal with stainless steel structure.
- IP 67 compliant.



- Adaptive illumination with intelligent sensors to auto adjust for lighting conditions to output optimal image quality.
- Open platform to support embedded Video Analytics integration.



- High precision closed loop stepper motors and gears to provide accuracy, smoothness, stability and Quietness of Pan/Tilt movements.



- Hardened metal alloy casing shape for extreme weather condition use.
- +15° to - 90° total 105° tilt angle range.



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

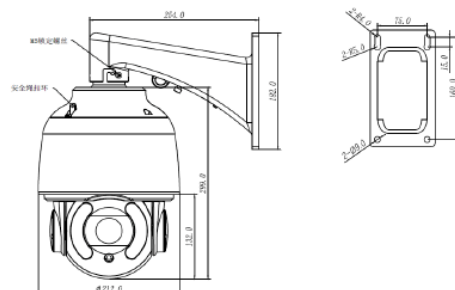


- Stainless steel ball bearing assembly to provide extended life with minimized corrosion.

## FUNCTIONALITY

- Image Functionalities: WDR, BLC, Defog, Day/Night
- Intelligent Adaptive IR Illumination
- $\pm 105^\circ$  tilt /  $\pm 360^\circ$  pan range, adaptive speed up to 220°/s
- 3D Positioning
- Motion Detection, Guard Tour Presets: 4 zones
- Preset Time Task Activation: 8 Periods
- 255 Presets, Speed: 300°/s, 8 Cruises
- Rain wiper available

## INSTALLATION DIAGRAM



## Product Specification

|                          |   |
|--------------------------|---|
| <b>Model No.</b>         | SD530PHD-IRNXG / SD536PHD-IRNXG   |
| <b>Camera</b>            | <b>30X Ultra Low Light / 36X Ultra Low Light</b>  |
| Image Sensor             | 1/1.9" CMOS 2MP   |
| Lens                     | 6 ~ 180mm / 5.8 ~ 210mm   |
| Horizontal Angle of View | 61.2°(W)~2.3°(T)  |
| Aperture                 | F1.6(W)~F3.4(T)   |
| Min. Illumination        | 0.003lux (F1.6,50IRE, Color), 0.0011 lux(F1.6,50IRE,B/W)  |
| Shutter Speed            | 1/6~1/8000s   |
| Resolution               | 1080P30,1080P25,720P30,720P25   |
| Focus                    | Auto, Push  |
| White Balance            | Auto, Manual  |
| Exposure                 | Auto,Manual,Shutter/Iris Priority   |
| Day/Night                | YES   |
| BLC                      | YES   |
| WDR                      | YES   |
| Defog                    | YES   |
| Motion Detection         | YES, 4 Zones  |
| Noise Reduction          | 2D/3D   |
| S/N Ratio                | ≥50db   |
| <b>Mechanical</b>        |   |
| Pan Movement             | Horizontal:±360 degrees continuous pan ( Highest Speed: 220 degrees / sec)  |
| Tilt Movement            | Vertical:+15 degrees to -90 degrees (Max Speed:160 degrees/sec)   |
| Preset Position          | 255 ( Speed:300 degrees / sec )   |
| Home Position            | YES   |
| Cruise                   | Support up to 8 different path movements  |
| Environmental            | IP67  |
| Infrared                 | The adaptive infrared can be synchronized with different zoom angle. Illumination distance is up to 80 Meters.  |
| <b>Network</b>           |   |
| Video Compression        | H.265,H.264,MJPEG   |
| Frame Rate               | 1080P ( 1920*1080 ) MAX:30 FPS,720P(1280*720) MAX:30 FPS,D1(720*576) MAX:25 FPS   |
| Protocols                | L2TP,IPv4,IGMP,ICMP,ARP,TCP,UDP,DHCP,PPPoE,RTP,RTSP,QoS,DNS,DDNS,NTP,FTP,UPnP,HTTP,SNMP,SIP<br>IP Auto Adaptations, Effective monitoring even under data loss environment |
| 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   |
| Special Function         | UNP Technique, resolve Private Network NAT throughput, support movement testing, audio testing, various intelligent functions.  |
| OSD                      | Customized OSD, Support Side Hook and Artistic Font   |
| Compatible Integration   | ONVIF   |
| <b>Interface</b>         |   |
| Network                  | 10M/100M Base-TX Ethernet, RJ45   |
| Audio I/O                | Input: Impedance 35kΩ, Amplitude 2V [p-p]; Output: Impedance 600kΩ, Amplitude 2V [p-p] (Optional)   |
| Alarm I/O                | Alarm Input 1, Alarm Output 1 (Optional)  |
| Edge Storage             | Micro SD, Up to 64GB  |
| <b>General</b>           |   |
| Operating Temperature    | -40°C to +60°C  |
| Operating Humidity       | 100% Suitable for Use   |
| Power Input              | AC24V ( POE: Optional )   |
| Power Consumption        | 10W ( Close IR ) 20W ( Open IR )  |
| Dimension                | Φ210×333mm  |
| Weight                   | 4.8kg   |
| Rain Wiper               | Optional  |

## ORDER INFORMATION

• Add letters following the model No. for optional features: Wiper: +R; POE: +P; Audio/Alarm: +A

All models and specifications are subject to change without notice.

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