SD500 SERIES   Intelligent Infrared High Speed HD IP Dome Camera

- SD520BHD-IRN
- SD530BHD-IRN

KEY FEATURES

- Resolution: 1080P,720P
- Zoom: 20X,30X
- Video Output: IP
- IR Illumination: 300ft Adaptive
- Environmental: IP67
- Power: AC 24V, POE
- ONVIF Compliant

Onvif

DESIGN

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

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

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

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

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

- Stainless steel ball bearing assembly to provide extended life with minimized corrosion.
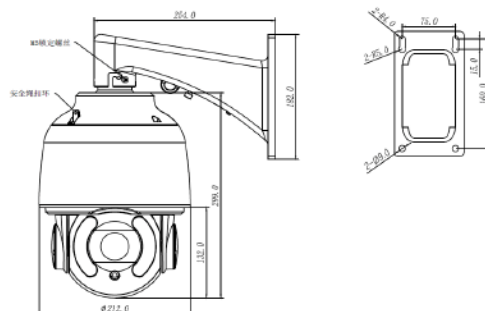
- High precision closed loop stepper motors and gears to provide accuracy, smoothness, stability and Quietness of Pan/Tilt movements.

FUNCTIONALITY

- Image Functionalities: WDR, BLC, Defog, Day/Night
- Intelligent Adaptive IR Illumination
- ±105° tilt / ±360° 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

Model No.	SD520BHD-IRN	SD530BHD-IRN
Camera	**20X**	**30X**
Image Sensor	1/2.8" CMOS 2MP	1/2.8" CMOS 2MP
Lens	4.7~94mm	5~150mm
Horizontal Angle of View	61.9°(W)~3.5°(T)	62.9°(W)~2.3°(T)
Aperture	F1.6(W)~F3.3(T)	F1.6(W)~F4.8(T)
Min. Illumination	0.025 lux(F1.6,50IRE,Color), 0.0025 lux(F1.6,50IRE,B/W)	0.025 lux(F1.6,50IRE, Color), 0.0025 lux(F1.6,50IRE,B/W)
Shutter Speed	1/6~1/8000s	1/6~1/8000s
Resolution	1080P30,1080P25,720P30,720P25	1080P30,1080P25,720P30,720P25
Focus	Auto, Push	
White Balance	Auto, Manual	
Exposure	Auto,Manual,Shutter/Iris Priority	
Day/Night	YES	
Backlight Compensation	YES	
WDR	YES	
Defog	YES	
Motion Detection	YES, 4 Zones	
Noise Reduction	2D/3D	
S/N Ratio	≥50db	
Mechanical		
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 100 Meters.	
Network		
Video Compression	MJPEG,H.264 High Profile	
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	
	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	
Interface		
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	
General		
Operating Temperature	-40℃ to +60℃	
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

• SD520BHD-IRN (IP)

• SD530BHD-IRN (IP)

• 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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