

SPEED DOME CAMERA SD8S4M

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Triple-spectrum Network Speed Dome SD8S4M



- Clearer and farther image with the latest generation 12 μ m infrared detector and leading algorithm.
- Integrated with visual, thermal and laser tri-spectral imaging for 24/7 safety surveillance.
- Support pan/tilt biaxial gyro image stabilization and professional image stabilization algorithm to ensure reliable and stable image
- Support human/vehicle target recognition based on deep learning algorithm and structured analysis algorithm
- Support fire detection algorithm and multiple scanning modes
- Support high-speed, high-accuracy PTZ and multiple smart scanning modes
- All-metal housing, IP67 encapsulation, anti-shock, waterproof and salt-spray proof
- Support standard interface protocols such as ONVIF, GB28181 and SDK for secondary development.

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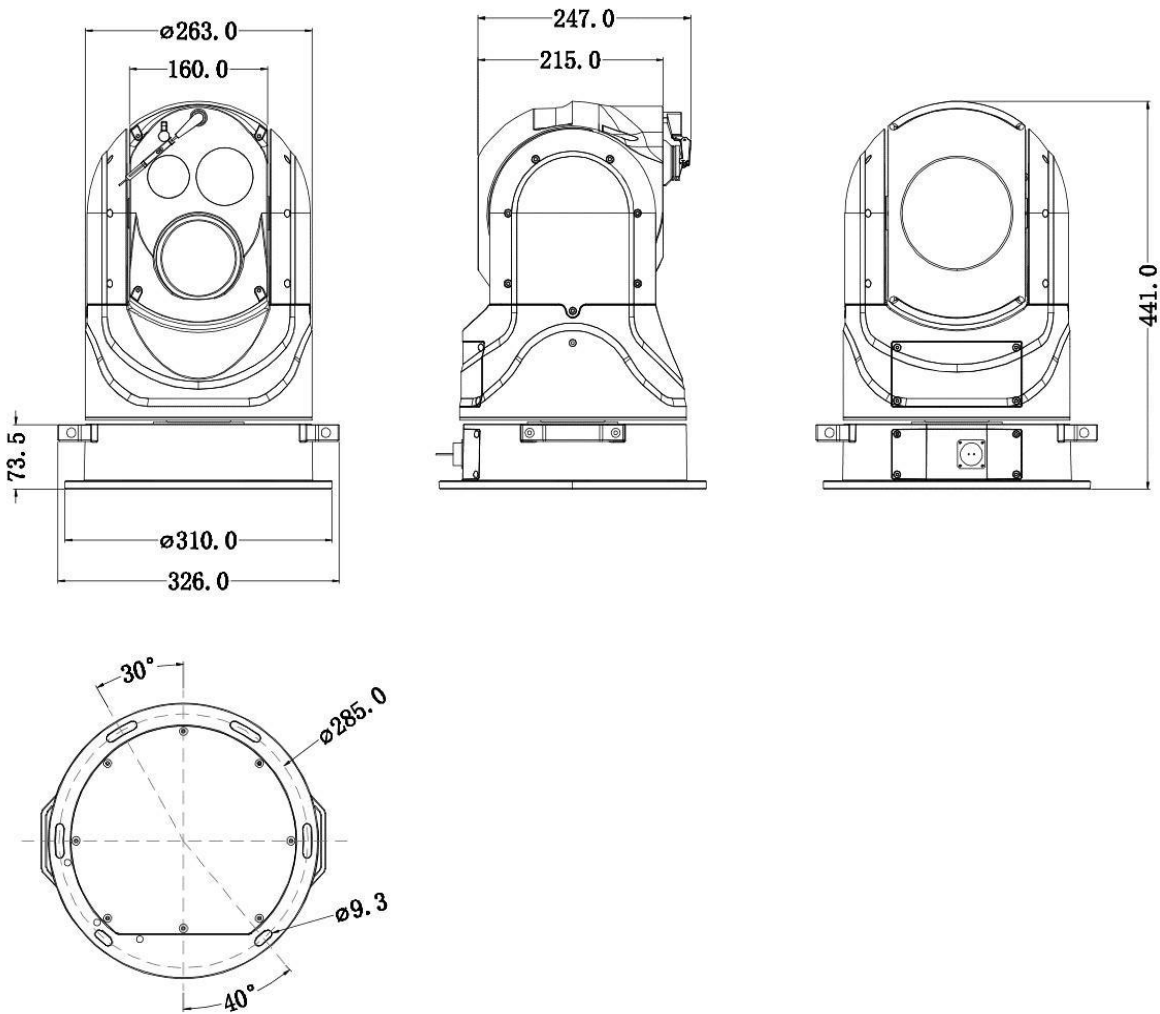
Technical Specifications		SD864M
Thermal	Detector Type	VOx, uncooled FPA detectors
	Spectral Range	8~14μm
	NETD	≤40mK(@25°C,F#1.0,25Hz)
	Max. Resolution	1280×1024
	Pixel Pitch	12μm
	Focal Length	75mm
	Focus Mode	Auto/Manual
	FOV	11.7°×9.4°
	F#	1.0
	IFOV	0.16mrad
	Color Palettes	20 modes available such as Whitehot/Blackhot/Rainbow.
Visible	Sensor	4MP 1/1.8" Progressive Scan CMOS
	Max. Resolution	2560×1440
	Focal Length	6.5~240mm, 37× optical zoom
	Focus Mode	Auto/ Manual/ One-shot Auto
	FOV	Pan : 70°~2.51°
	Low Illumination	Color:0.0005 Lux, B/W:0.0001 Lux @(F1.5,AGC ON)
	WDR	120dB
	Day/Night Conversion	ICR Auto
	Digital Noise Reduction	3D DNR
	Fog Penetration	Optical/Digital
	Supplement Illuminator	1.5km laser supplement illuminator , simultaneous visible light zoom
PTZ Parameters	Pan Range	360° continuous rotation
	Pan Speed	0.05°~ 300°/s
	Tilt Range	-60°~90°
	Tilt Speed	0.05°~200°/s
	Presets	255
	Patrol Scan	8 patrols
	3D Positioning	Support

	Remote Power-off Reboot	Support
	Image Stabilization	Support two-axis gyro stabilization
	Auto-induction Wiper	Support
Network	Network Protocols	IPv4,HTTP,HTTPS,QoS,FTP,SMTP,UPnP,SNMP,DNS,DDNS,NTP,RTSP,RTCP,RTP,TCP,UDP,IGMP,ICMP,DHCP
	Interoperability	ONVIF, GB28181, SDK
	Web Browser	IE
Video Parameters	Max. Resolution	2560×1440 (visible) , 1280×1024 (thermal)
	Image Format	JPEG
	Audio Compression	G.711a/G.711u/AAC/PCM
	Video Compression	H.264/H.265
	Main Stream	Visible : 50Hz:25fps (2560×1440,1920×1080, 1280×720) 60Hz:30fps (2560×1440,1920×1080, 1280×720) Thermal : 25fps (1280×1024,1280×720,640×512)
	Sub Stream	Visible : 50Hz:25fps (704×576) 60Hz:30fps (704×576) Thermal : 25fps (640×512)
Smart Functions	Fire Alarm	Support smart fire detection
	Smart Detection	Support smart event analysis such as human/vehicle target detection, tripwire intrusion and region intrusion
	Alarm Linkage	Video Recording/ Image Capture/Email/linkage PTZ /Alarm Output
System Interface	Power Supply	DC 24V±15% ,5A
	Communications	RJ45 self-adaptive 10M/100M Ethernet port
	Alarm	1 channel alarm input, 1 channel alarm output
	Serial Port	1 channel RS422
General	Operating Temperature and Humidity Range	-40℃~+70℃ ; <90%RH
	Encapsulation	IP67 , Lightning Protection, Surge Protection and Voltage Transient Protection , conform to GB/T17626.5 6KV
	Power Consumption	Max.60W
	Dimension	446mm×326mm×247mm
	Weight	16kg

The recommended distance of detecting, recognizing and identifying for man (1.8×0.5m) and vehicle (1.4×4.0m) are as follows:

DD stands for Detection Distance; RD stands for Recognition Distance; ID stands for Identification Distance;

Lens	DD (Vehicle)	DD (Human)	RD (Vehicle)	RD (Human)	ID (Vehicle)	ID (Human)
75mm	9.6 km	3.1 km	2.4 km	0.8 km	1.2 km	0.4 km



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