DGM8508SVGAT









Starlight









Detection





Dual Lights

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Active Deterrence



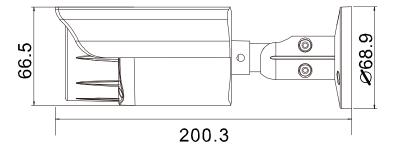
MIC & Speaker built-in



O FEATURES

- Starlight visibility to offer clear & color images even at night
- Al-based human / vehicle detection supported to avoid false detection alarms
- Dual lights (IR / warm light LED) mechanism to smartly switch images from B/W to color even at night when any motion is detected
- Siren triggered automatically when intruders are detected to deter intruders
- **ONVIF** standard supported to simplify system integration
- POE (Power-over-Ethernet) support to eliminate the use of power cables and reduce installation costs
- Microphone & speaker built-in for audio transmission
- WDR to increase image recognizability in overexposure and dark areas
- Remote Surveillance Compatible with Internet Explorer 6 and above, Microsoft Edge & Google Chrome

O DIMENSIONS



Dimensional tolerance: ± 5mm



O SPECIFICATIONS

Device		
Image Sensor		1/2.8" SONY CMOS
Max. Resolution		3840 x 2160
Lens		f2.8mm / F1.6
Viewing Angle		112° (Diagonal)
Min Illumination		0.001 Lux (LED off), 0 Lux (LED on)
Shutter Speed		AUTO, 1/25s ~ 1/100000s
LED		2 dual light (IR & warm) units
Effective Distance		Up to 30 meters
Day / Night		YES
WDR Mode		YES (120dB)
RTC (real-time clock)		YES
MicroSD Card Slot		Optional up to 256GB
Video		
Compression		H265 / H.264
Video Resolution	Main Stream	8MP (3840x2160) / 6MP (3072x2048) / 5MP (2592x1944) / 4MP (2560x1440) / 3MP (2304x1296) / 2MP (1080P) / 720P
	Sub Stream	2MP (1080P) / 720P / 720x480 / VGA / 640x360 / 480x360 / CIF
Frame Rate		4K (8MP) @ 20FPS
Video Profile		High profile / Main profile / Base profile
Multiple Video Streaming		3 streams
Bitrate Control		512Kbps - 12Mbps, VBR/CBR
Image Enhancement		WDR / BLC / HLC / 2D DNR / 3D DNR / AWB / MWB / AGC
Day / Night Switch		Auto / Color / (B/W) / Timing
Forced Anti-flicker		YES
Defog		YES
White Balance		Auto / Manual
Image Orientation		Rotate / Mirror
Privacy Mask		YES
Text Overlay		YES
OSD Title		Location / font size / text configurable; text input (English & Chinese characters) and imagupload (BMP) supported
Audio		
Microphone built-in		YES
Speaker built-in		YES
Encoding		G.711-u / G.711-a
Audio Adjustment		YES
Alarm & Event		
Detection Mode		Motion / Human / Vehicle Detection
Detection Schedule		YES
Motion Detection Area		1x1, 2x2, 3x2, 3x3, 4x3, 4x4, 8x8, 16x16, 22x18
Detection Alert		



• SPECIFICATIONS (CONTINUED)

■ Network		
LAN Port	RJ45 connector x 1 / 4KV lightning-proof	
LAN Speed	100Mbps Based-T Ethernet	
Supported Protocols	HTTP / RTSP / FTP / SMTP / DHCP / NTP / NFS / RTMP	
ONVIF Compatible	Onvif 17.06 compatible	
Number of Online Users	6	
Remote Access	Internet Explorer 6 and above (recommended), Microsoft Edge & Google Chrome	
■ General		
Web Interface Language	English, Traditional Chinese, Simplified Chinese, Russian, German, Italian, Turkish, Korean	
Operating Temperature	-30℃ ~60℃	
Operating Humidity	10%-90%RH	
POE	IEEE 802.3af	
Power Source (±10%)	PoE / DC12V	
Power Consumption (±10%)	< 8 W	
Net Weight (kg)	0.6	
Casing	IP67	
Optional Bracket / Junction Box	AVA126-WHKT / AVA156-WHKT	
Minimum Web Browsing Requirements	 Intel core i3 or higher, or equivalent AMD 2GB RAM AGP graphics card, Direct Draw, 32MB RAM Windows 10, Windows 8, Windows 7, DirectX 9.0 or later Internet Explorer 6 and above (recommended), Microsoft Edge & Google Chrome 	

.*The specifications are subject to change without notice.