DGM8937SVAT



8MP | H.265 | Starlight | PoE | WDR | MIC built-in

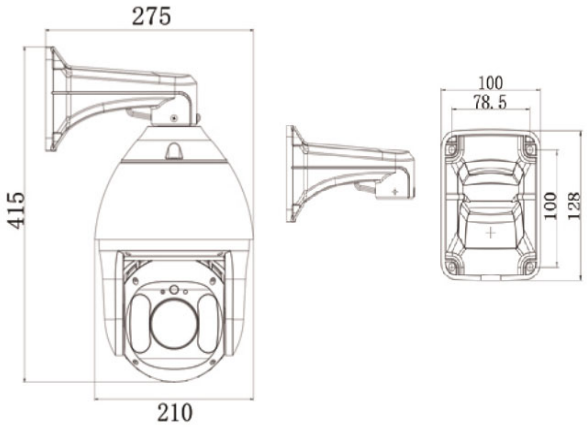
Human / Vehicle Detection | 33X Optical Zoom | PTZ | Auto Tracking | MicroSD Card Recording

AI-based 8MP H.265 33X Speed Dome IP Camera

FEATURES

- **Starlight visibility** to offer clear & color images even at night
- Zoom lens of f4.5 ~ f148.5mm with **33X optical zoom**, suitable for various monitoring environments
- **AI-based human / vehicle detection** supported to avoid false detection alarms
- **PTZ control** with **Auto Tracking** for seamless monitoring:
- MicroSD card support (up to 256GB) for **video storage**
- **ONVIF** standard supported to simplify system integration
- **POE (Power-over-Ethernet)** support to eliminate the use of power cables and reduce installation costs
- **Microphone built-in** for audio recording and **line out support** for audio broadcasting
- IR effective range **up to 120 meters** for night surveillance
- **WDR** to increase image recognizability in overexposure and dark areas
- **Remote Surveillance**
  Compatible with **Internet Explorer 6** and above, **Microsoft Edge** & **Google Chrome**

DIMENSIONS



Dimensional tolerance: ± 5mm

SPECIFICATIONS

Device		
Image Sensor		1/2.8" SONY CMOS
Max. Resolution		3840 x 2160
Lens		f4.5-148.5mm / F1.6 - F3.5
Viewing Angle		Tele 2.3° ~ Wide 60.5° (Diagonal)
Min Illumination		0.001 Lux (IR LED off), 0 Lux (IR LED on)
Shutter Speed		AUTO, 1/25s ~ 1/100000s
IR LED		8 units
IR Effective Distance		Up to 120 meters
Day / Night		YES
WDR Mode		YES (120dB)
RTC (real-time clock)		YES
MicroSD Card Slot		YES (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 image upload (BMP) supported
Audio		
Microphone built-in		YES
Line out		YES
Encoding		G.711-u / G.711-a
Audio Adjustment		YES
Alarm & Event		
Detection Mode		Motion / Human / Vehicle Detection with Auto Tracking
Detection Schedule		YES
Motion Detection Area		1x1, 2x2, 3x2, 3x3, 4x3, 4x4, 8x8, 16x16, 22x18
Detection Alert		Audio alert with customized mp3 audio file(s)

.*The specifications are subject to change without notice. .

SPECIFICATIONS (CONTINUED)

Storage	
On-Board Storage	Built-in memory card slot, supports microSD / SDHC / SDXC card up to 256GB
Overwrite	YES
Maximum Recoding Time / per File	1, 2, 3, 5, 10, 20 & 30 minutes configurable
Recording Schedule	YES
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
PTZ Mechanism	
Pan Range	360° continuous rotation
Pan Speed	0.5° ~ 60°
Tilt Range	-15° ~ 90°/s
Zoom Ratio	33X Optical Zoom
Proportional Zoom	YES
Auto Tracking	YES
Preset Points	Up to 255 preset points
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 802.3at
Power Source (±10%)	PoE / DC12V
Power Consumption (±10%)	< 20 W
Net Weight (kg)	2.5
Casing	IP66
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

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