DGM2937SVAT

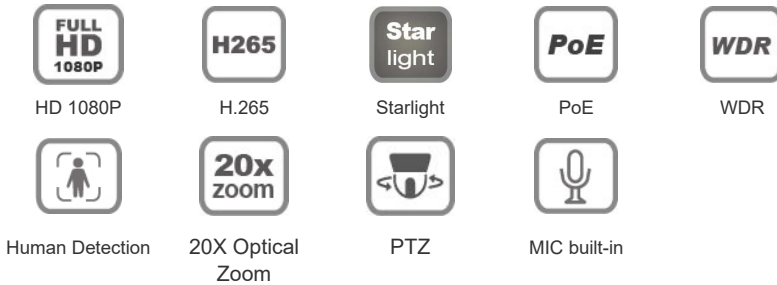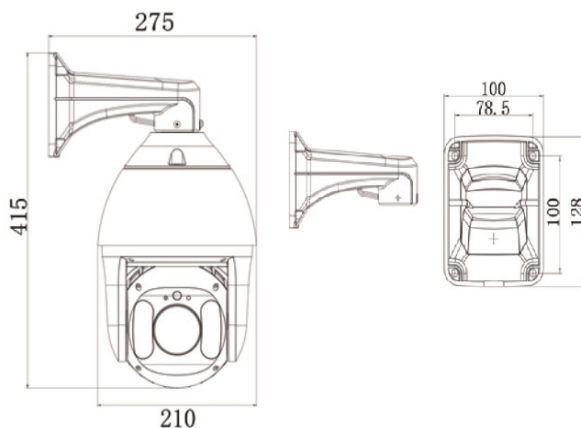|				
FULL HD 1080P	**H265**	**Star light**	**PoE**	**WDR**
HD 1080P	H.265	Starlight	PoE	WDR
Human Detection	**20x zoom** 20X Optical Zoom	PTZ	MIC built-in	

AI-based 2MP H.265 20X Speed Dome IP Camera

◌ FEATURES

- **Starlight visibility** to offer clear & color images even at night
- Zoom lens of f4.7 ~ f94mm with **20X optical zoom**, suitable for various monitoring environments
- **AI-based human detection** supported to avoid false detection alarms
- **PTZ control** for seamless monitoring:
- **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

275

415

210

100
78.5

100
128

Dimensional tolerance: ± 5mm

◎ SPECIFICATIONS

■ Device

Image Sensor	1/2.8" SONY CMOS
Max. Resolution	1920 x 1080
Lens	f4.7 ~ 94mm / F1.6 - F3.5
Viewing Angle	Tele 2.9° ~ Wide 64° (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

■ Video

Compression		H265 / H.264
Video Resolution	Main Stream	2MP (1080P) / 720P / D1
	Sub Stream	D1 / VGA / 640x360 / CIF
Frame Rate		2MP @ 30FPS
Video Profile		High profile / Main profile / Base profile
Multiple Video Streaming		2 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 Detection
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)

■ 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	20X Optical Zoom
Proportional Zoom	YES
Preset Points	Up to 255 preset points
PTZ Mode	Cruising / Auto Pan

■ 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

.*The specifications are subject to change without notice.