AVTECH

DGM8707DGAT

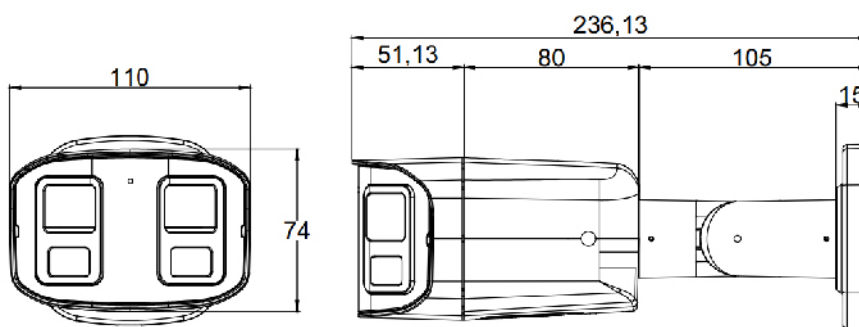|				
8MP 4K UHD	**H265**	**Star light**		**PoE**
8MP	H.265	Starlight	Ultra-wide View	PoE
Human / Vehicle Detection	**Warm IR** Dual Lights	Active Deterrence	MIC & Speaker built-in	MicroSD Card Recording

AI-based 8MP H.265 Dual Sensor Bullet IP Camera

O FEATURES

- **Starlight visibility** to offer clear & color images even at night
- **AI-based human / vehicle detection** supported to avoid false detection alarms
- **Dual sensors** to offer panoramic view to cover a wider area with a single camera
- **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
- 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 & speaker built-in** for audio transmission
- **DWDR** to increase image recognizability in overexposure and dark areas
- **Remote Surveillance**
  Compatible with **Internet Explorer 6** and above, **Microsoft Edge** & **Google Chrome**

O DIMENSIONS

110
74

236,13
51,13 80 105
15

Dimensional tolerance: ± 5mm

⊙ SPECIFICATIONS

Device

Image Sensor	2 units of 1/2.7" CMOS
Max. Resolution	4096 x 1944 (19:9)
Lens	2 units of f2.8mm / F1.6
Viewing Angle	180°
Min Illumination	0.001 Lux (LED off), 0 Lux (LED on)
Shutter Speed	AUTO, 1/25s ~ 1/100000s
LED	3 IR & 2 warm LED units
Effective Distance	Up to 30 meters
Day / Night	YES
WDR Mode	DWDR
RTC (real-time clock)	YES
MicroSD Card Slot	YES (up to 256GB)

Video

Compression		H265 / H.264
Video Resolution	Main Stream	8MP (4096x1944P)
	Sub Stream	1024x480 / 768x360
Frame Rate		4K (8MP) @ 20FPS
Video Profile		High profile / Main profile / Base profile
Multiple Video Streaming		2 streams
Bitrate Control		512Kbps - 12Mbps, VBR/CBR
Image Enhancement		DWDR / 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
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	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

■ 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%)	< 8W
Net Weight (g)	708
Casing	IP67
Optional Bracket / Junction Box	AVA145-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

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