AVTECH

DGM3407AT

3MP QXGA — 3MP
H265 — H.265
Star light — Starlight
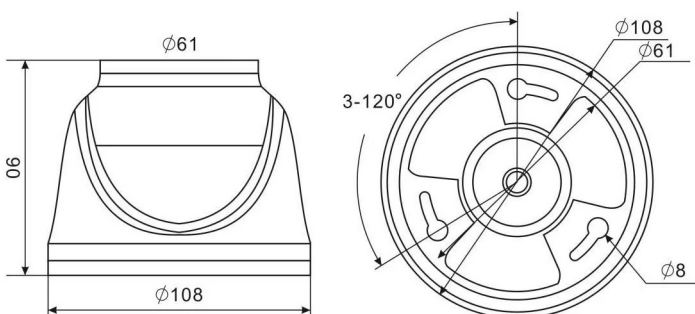**PoE** — PoE
Human Detection
MIC built-in
WDR — WDR

AI-based 3MP H.265 IR Dome IP Camera

FEATURES

- **Starlight visibility** to offer clear & color images even at night

- **AI-based human detection** supported to avoid false detection alarms

- **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

- IR effective range **up to 25 meters** for night surveillance

- **WDR** to increase image recognizability in overexposure and dark areas

- **Remote Surveillance**

  -- **Fully compatible** with **Internet Explorer 6** and above on Windows operating system

DIMENSIONS

ϕ61

90

ϕ108

3-120°

ϕ108
ϕ61

ϕ8

Dimensional tolerance: ± 5mm

⊙ SPECIFICATIONS

■ Device

Image Sensor	1/2.7" CMOS image sensor
Max. Resolution	2304 x 1296 (3MP)
Lens	f2.8mm
Min Illumination	0.01 Lux, 0 Lux (IR LED ON)
Shutter Speed	Auto / Manual
IR LED	3 units
IR Effective Distance**	Up to 25 meters
Day / Night	YES
WDR Mode	YES
RTC (real-time clock)	NTP / Manual

■ Video

Compression	MJPEG / H.264 / H.265
Video Resolution	2560 x 1440 / 2304 x 1296 / 1080P / 720P / D1 / VGA / 640 x 360 / 480 x 360 / CIF
Frame Rate	30 IPS
Video Profile	High profile / Main profile / Base profile
Multiple Video Streaming	2 streams
S/N Ratio	More than 50dB (AGC off)
Bitrate Control	CBR / VBR
Image Enhancement	WDR (Level 0 ~ 255) / BLC / HLC / 2D DNR / 3D DNR
Day / Night Switch	Auto / Timing / External / Manual
Forced Anti-flicker	YES
Defog	YES
White Balance	AWB
Image Orientation	Flip / Mirror
Privacy Mask	4 customized areas
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	G711 / G711A / AAC
Audio Adjustment	YES

■ Alarm & Event

Detection Mode	Human (Day & Night) / Motion
Detection Schedule	YES
Motion Detection Area	1x1, 2x2, 3x2, 3x3, 4x3, 4x4, 8x8, 16x16, 22x18
Human Detection Alert	Audio alert with customized mp3 audio file(s)

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

AVTECH

● SPECIFICATIONS (CONTINUED)

■ Network

LAN Port	RJ45 connector x 1 / 2KV lightning-proof
LAN Speed	10/100 Based-T Ethernet
Supported Protocols	TCP/IP, ICMP, HTTP, DHCP, DNS, RTP, RTSP, NTP, IPv4, IPv6, HTML5, ONVIF
ONVIF Compatible	YES
Number of Online Users	6
Remote Access	Internet Explorer 6 and above

■ General

Web Interface Language	English, Traditional Chinese, Simplified Chinese, Russian, German, Italian, Turkish, Korean
Operating Temperature	-30℃ ~ 50℃
POE	YES (IEEE 802.3af)
Power Source (±10%)	PoE (IEEE 802.3af) / DC12V
Current Consumption (±10%)	140mA (IR LED OFF); 240mA (IR LED ON)
Net Weight (g)	336.5
Certification	CE / FCC
Casing	IP67
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 or above (Windows Edge not supported)

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