

DGM8208SVGAT



8MP



H.265



Starlight



PoE



WDR

Human / Vehicle
Detection

Dual Lights

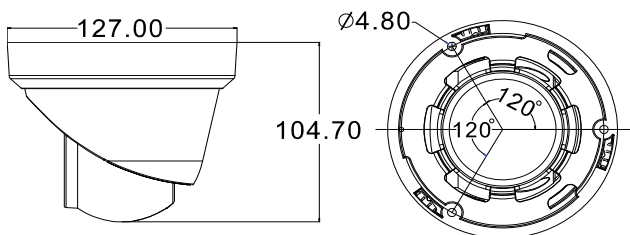
Active
DeterrenceMIC & Speaker
built-inMicroSD Card
Recording

AI-based 8MP H.265 Dome IP Camera with Dual Lights

FEATURES

- **Starlight visibility** to offer clear & color images even at night
- **AI-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
- 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
- **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: $\pm 5\text{mm}$

○ 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 |
| IR LED | 2 dual light (IR & warm) units |
| IR Effective Distance | Up to 30 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 |
| 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) |

● 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°C ~ 60°C |
| Operating Humidity | 10%-90%RH |
| POE | IEEE 802.3af |
| Power Source (±10%) | PoE / DC12V |
| Power Consumption (±10%) | < 8 W |
| Net Weight (g) | 491 |
| Casing | IP66 |
| Optional Bracket / Junction Box | AVA145-WHKT / AVA23BK-WBKT |
| Minimum Web Browsing Requirements | <ul style="list-style-type: none"> • 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.