

# DGM5106SVAT



5MP



H.265



Starlight



PoE



WDR

Human  
Detection

MIC built-in



External I/O

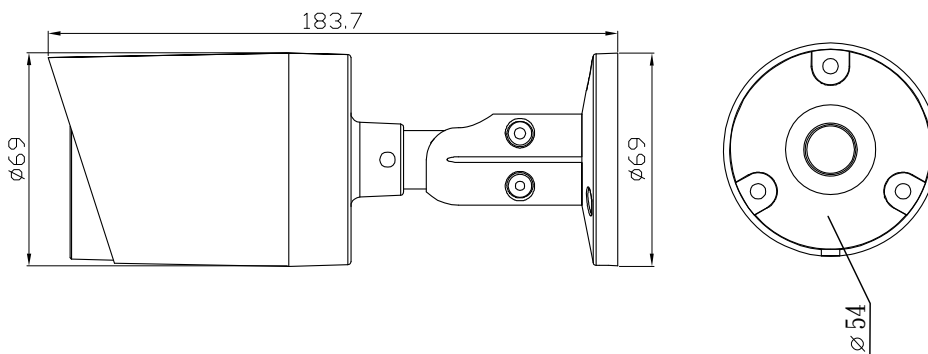
MicroSD Card  
Recording

## AI-based 5MP H.265 IR Bullet IP Camera

### FEATURES

- **Starlight visibility** to offer clear & color images even at night
- **AI-based human / vehicle detection** supported to avoid false detection alarms
- 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
- **External Alarm I/O device** connection
- IR effective range **up to 30 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                 |             | 2592 x 1944  |
| Lens                            |             | f2.8 mm / F1.6   |
| Viewing Angle                   |             | 110° (Diagonal)  |
| Min Illumination                |             | 0.001 Lux (IR LED off), 0 Lux (IR LED on)  |
| Shutter Speed                   |             | AUTO, 1/25s ~ 1/100000s  |
| IR LED                          |             | 2 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 | 5MP (2592x1944) / 4MP (2560x1440) / 3MP (2304x1296) / 2MP (1080P) / 720P   |
|                                 | Sub Stream  | D1 / VGA / 640x360 / 480x360 / CIF   |
| Frame Rate                      |             | 5MP @ 25FPS  |
| 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                 |             |  |
| Alarm in                        |             | YES  |
| Alarm out                       |             | YES  |
| Detection Mode                  |             | Motion / Human / Vehicle / Alarm Detection   |
| Detection Schedule              |             | YES  |
| Motion Detection Area           |             | 1x1, 2x2, 3x2, 3x3, 4x3, 4x4, 8x8, 16x16, 22x18  |
| Human / Vehicle 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)                    | 518.5  |
| Casing                            | IP66   |
| Optional Bracket / Junction Box   | AVA156-WHKT  |
| Minimum Web Browsing Requirements | <ul style="list-style-type: none"> <li>• Intel core i3 or higher, or equivalent AMD</li> <li>• 2GB RAM</li> <li>• AGP graphics card, Direct Draw, 32MB RAM</li> <li>• Windows 10, Windows 8, Windows 7, DirectX 9.0 or later</li> <li>• Internet Explorer 6 and above (recommended), Microsoft Edge &amp; Google Chrome</li> </ul> |

\*The specifications are subject to change without notice.