

# DGM5546SVAT



5MP



H.265



Starlight

Motorized  
Lens

PoE



WDR

Human / Vehicle  
Detection

MIC built-in



External I/O

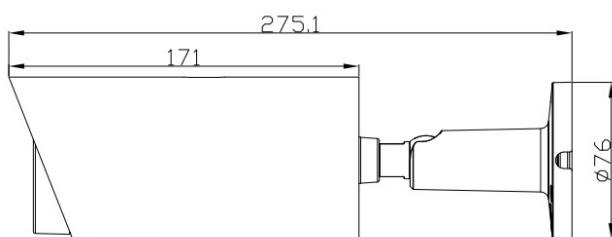
MicroSD Card  
RecordingIK10 (For metal  
casing)

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

### FEATURES

- **Starlight visibility** to offer clear & color images even at night
- Equipped with a **motorized lens of f2.8 ~ 12mm**
- **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 and **line out support** for audio broadcasting
- **External Alarm I/O device** connection
- IR effective range **up to 50 meters** for night surveillance
- **WDR** to increase image recognizability in overexposure and dark areas
- **IK10** rated, vandal-resistant metal casing
- **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       | 2560x1944                                 |  |
| Lens                  | f2.8 ~ 12mm / F1.6 ~ F2.2                 |  |
| Viewing Angle         | Tele 40° ~ Wide 117° (Diagonal)           |  |
| Min Illumination      | 0.001 Lux (IR LED off), 0 Lux (IR LED on) |  |
| Shutter Speed         | AUTO, 1/25s ~ 1/100000s                   |  |
| IR LED                | 20 units                                  |  |
| IR Effective Distance | Up to 50 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          | 32Kbps - 8Mbps, 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)                    | 1063.5   |
| Ingress Protection                | IP67   |
| Vandal Resistance                 | IK10 for metal casing  |
| Optional Bracket / Junction Box   | AVA126-WHKT / AVA145-WHKT / AVM552C-HBKT   |
| 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.