

## DS-2XM6726G0-I(D)(M)/(ND)(AE)



- High quality imaging with 2 MP resolution
- 2/2.8/4/6/8 mm fixed lens
- Clear imaging against strong back light due to 120 dB WDR technology
- Water and dust resistant (IP67) and vandal resistant (IK10)



## • Specification

| Selection Parameter         |                                                                                                                                                                                                                                                                                                                                          |
|-----------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Min. Illumination           | 0.01 Lux @(F1.2, AGC ON), 0 Lux with IR                                                                                                                                                                                                                                                                                                  |
| Local Storage               | 128 GB                                                                                                                                                                                                                                                                                                                                   |
| Protection Level            | IP67, IK10                                                                                                                                                                                                                                                                                                                               |
| Wi-Fi Support               | No                                                                                                                                                                                                                                                                                                                                       |
| Case Type                   | Dome                                                                                                                                                                                                                                                                                                                                     |
| Resolution                  | 2MP                                                                                                                                                                                                                                                                                                                                      |
| Lens Type                   | Fixed Lens                                                                                                                                                                                                                                                                                                                               |
| Video Compression           | H.265,H.264                                                                                                                                                                                                                                                                                                                              |
| Camera                      |                                                                                                                                                                                                                                                                                                                                          |
| Image Sensor                | 1/2.8" Progressive Scan CMOS                                                                                                                                                                                                                                                                                                             |
| Min. Illumination           | 0.01 Lux @(F1.2, AGC ON), 0 Lux with IR                                                                                                                                                                                                                                                                                                  |
| Shutter Speed               | 1/3 s to 1/100,000 s                                                                                                                                                                                                                                                                                                                     |
| Slow Shutter                | No                                                                                                                                                                                                                                                                                                                                       |
| Wide Dynamic Range          | 120 dB                                                                                                                                                                                                                                                                                                                                   |
| Day & Night                 | IR Cut Filter                                                                                                                                                                                                                                                                                                                            |
| Angle Adjustment            | Pan: -30° to 30°, tilt: 0° to 75°, rotate: 0° to 355°                                                                                                                                                                                                                                                                                    |
| Lens                        |                                                                                                                                                                                                                                                                                                                                          |
| Focal Length & FOV          | 2 mm, horizontal FOV 126°, vertical FOV 73°, diagonal FOV 144°<br>2.8 mm, horizontal FOV 104°, vertical FOV 55°, diagonal FOV 120°<br>4 mm, horizontal FOV 81°, vertical FOV 43°, diagonal FOV 91°<br>6 mm, horizontal FOV 49°, vertical FOV 27°, diagonal FOV 57°<br>8 mm, horizontal FOV 40.9°, vertical FOV 22.5°, diagonal FOV 47.4° |
| Lens Mount                  | M12                                                                                                                                                                                                                                                                                                                                      |
| Aperture                    | 2 mm, F2.25,<br>2.8/4/6/8 mm, F1.6,                                                                                                                                                                                                                                                                                                      |
| Illuminator                 |                                                                                                                                                                                                                                                                                                                                          |
| IR Range                    | Up to 10m                                                                                                                                                                                                                                                                                                                                |
| Wavelength                  | 850nm                                                                                                                                                                                                                                                                                                                                    |
| Video                       |                                                                                                                                                                                                                                                                                                                                          |
| Max. Resolution             | 1920 × 1080                                                                                                                                                                                                                                                                                                                              |
| Main Stream                 | 50Hz: 25fps (1920 × 1080, 1280 × 960, 1280 × 720)<br>60Hz: 30fps (1920 × 1080, 1280 × 960, 1280 × 720)                                                                                                                                                                                                                                   |
| Sub-Stream                  | 50Hz: 25fps (704 × 576, 640 × 480, 352 × 288, 320 × 240)<br>60Hz: 30fps (704 × 576, 640 × 480, 352 × 288, 320 × 240)                                                                                                                                                                                                                     |
| Third Stream                | no                                                                                                                                                                                                                                                                                                                                       |
| Video Compression           | Main Stream: H.265/H.264<br>Sub-Stream: H.265/H.264                                                                                                                                                                                                                                                                                      |
| Video Bit Rate              | 256 Kbps to 8 Mbps                                                                                                                                                                                                                                                                                                                       |
| H.264 Type                  | BaseLine Profile/Main Profile/High Profile                                                                                                                                                                                                                                                                                               |
| H.265 Type                  | Main Profile                                                                                                                                                                                                                                                                                                                             |
| Scalable Video Coding (SVC) | H.264 and H.265 encoding                                                                                                                                                                                                                                                                                                                 |
| Audio                       |                                                                                                                                                                                                                                                                                                                                          |
| Audio Compression           | G.711/G.726/AAC                                                                                                                                                                                                                                                                                                                          |

|                                  |                                                                                                                                             |
|----------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------|
| Audio Bit Rate                   | 64Kbps                                                                                                                                      |
| Audio Sampling Rate              | 16 kHz                                                                                                                                      |
| Audio Type                       | Mono sound                                                                                                                                  |
| Environment Noise Filtering      | Yes                                                                                                                                         |
| <b>Network</b>                   |                                                                                                                                             |
| Protocols                        | TCP/IP, ICMP, HTTP, DHCP, DNS, RTP, RTSP, RTCP, NTP, SNMP, QoS, FTP, SMTP, HTTPS                                                            |
| Simultaneous Live View           | Up to 8 channels                                                                                                                            |
| API                              | ONVIF (PROFILE S, PROFILE G), ISAPI, SDK                                                                                                    |
| User/Host                        | Up to 32 users, 3 levels: Administrator, Operator and User                                                                                  |
| Network Storage                  | microSD/SDHC/SDXC card (up to 128 GB),                                                                                                      |
| Client                           | iVMS-4200                                                                                                                                   |
| Web Browser                      | Plug-in required live view: IE10;                                                                                                           |
| <b>Image</b>                     |                                                                                                                                             |
| Image Settings                   | saturation, brightness, contrast, sharpness, gain, white balance adjustable by client software or web browser                               |
| Day/Night Switch                 | Day/Night/Auto/Schedule                                                                                                                     |
| Image Enhancement                | BLC, 3D DNR,                                                                                                                                |
| SNR                              | > 50dB                                                                                                                                      |
| DNR                              | 3D DNR                                                                                                                                      |
| <b>Interface</b>                 |                                                                                                                                             |
| Ethernet Interface               | -ID: 1 RJ45 10M/100M self-adaptive Ethernet port<br>-IM/ND: 1 four-core M12 aviation plug                                                   |
| On-Board Storage                 | Built-in micro SD/SDHC/SDXC slot, up to 128 GB                                                                                              |
| Audio                            | 1 built-in mic, mono sound                                                                                                                  |
| Alarm                            | no                                                                                                                                          |
| Video Output                     | no                                                                                                                                          |
| Reset Key                        | Yes                                                                                                                                         |
| <b>Event</b>                     |                                                                                                                                             |
| Basic Event                      | Motion detection, video tampering alarm                                                                                                     |
| Smart Event                      | no                                                                                                                                          |
| Linkage                          | Upload to FTP, notify monitoring center, send email, trigger recording                                                                      |
| <b>General</b>                   |                                                                                                                                             |
| Camera Material                  | Metal                                                                                                                                       |
| Camera Dimension                 | Camera: $\Phi$ 110 mm $\times$ 57.4 mm (4.3" $\times$ 2.26"), with base: $\Phi$ 110 mm $\times$ 69.4 mm (4.3" $\times$ 2.7")                |
| Camera Weight                    | Camera: Approx. 460 g (1 lb.)                                                                                                               |
| Startup and Operating Conditions | -30 °C to 75 °C (-22 °F to 167°F), humidity less than 95% or less (non-condensing)                                                          |
| General Function                 | Anti-flicker, heartbeat, mirror,                                                                                                            |
| Power Consumption and Current    | 0.30 A to 0.20 A, max: 7.5W                                                                                                                 |
| Power Supply                     | -ID: 9-36V & PoE (802.3af, 36 V to 57 V)<br>-IM/ND: PoE (802.3af, 36 V to 57 V)                                                             |
| Power Interface                  | -ID: $\varnothing$ 5.5 mm coaxial power plug, DC power supply, or PoE power supply<br>-IM/ND: four-core M12 aviation plug, PoE power supply |