

**NKS424W03H**  
**Wi-Fi Kit**

## Key Feature

- Easy and quick wireless installation
- All cameras can be linked with NVS at one time
- Secure and integrated video storage, all videos are stored in NVS
- Up to 512 GB Micro SD card storage capacity
- Remote mobile phone management, all functions can be performed through Hik-Connect, such as camera adding, two-way audio, live view, playback, etc.
- Accurate motion detection function
- Smart IR and white light
- Built-in mic and speaker for two-way audio
- 1 fixed PT turret camera and 1 fixed Speed Dome camera, both with 4 MP resolution and 2.8 mm focal length

## ▪ Specification

| Hikvision Camera            |                                                                                                                                              |
|-----------------------------|----------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Lens</b>                 |                                                                                                                                              |
| Focal Length                | 2.8 mm                                                                                                                                       |
| Aperture                    | F1.6                                                                                                                                         |
| Focus                       | Fixed                                                                                                                                        |
| FOV                         | horizontal FOV 94°, vertical FOV 49°, diagonal FOV 114°                                                                                      |
| <b>IR</b>                   |                                                                                                                                              |
| IR Range                    | Bullet : Up to 30 m                                                                                                                          |
|                             | Dome : IR distance: up to 25 m,White light distance: up to 25 m                                                                              |
| <b>Compression Standard</b> |                                                                                                                                              |
| Video Compression           | H.265,H.264,MJPEG                                                                                                                            |
| H.264 Type                  | Baseline Profile/Main Profile/High Profile                                                                                                   |
| H.265 Type                  | Main Profile                                                                                                                                 |
| Video Bit Rate              | 32 Kbps to 8 Mbps                                                                                                                            |
| Audio Compression           | G.711ulaw/AAC-LC                                                                                                                             |
| Audio Bit Rate              | 64 Kbps (G.711ulaw)/16 to 64 Kbps (AAC-LC)                                                                                                   |
| Audio Sampling Rate         | 8 kHz/16 kHz                                                                                                                                 |
| Environment Noise Filtering | Yes                                                                                                                                          |
| <b>Image</b>                |                                                                                                                                              |
| Max. Resolution             | 4MP                                                                                                                                          |
| Main Stream                 | 50 Hz: 25 fps (2560 × 1440, 1920 × 1080, 1280 × 720)                                                                                         |
|                             | 60 Hz : 20 fps (2560 × 1440), 24 fps ( 1920 × 1080 , 1280 × 720 )                                                                            |
| Sub-stream                  | 50 Hz: 25 fps (768 × 432)                                                                                                                    |
|                             | 60 Hz: 30 fps (768 × 432)                                                                                                                    |
| Image Setting               | Saturation,brightness,contrast,sharpness,gain,white balance,adjustable by client software or web browser                                     |
| Day/Night Switch            | Auto/Scheduled/Day/Night                                                                                                                     |
| <b>Network</b>              |                                                                                                                                              |
| Alarm Trigger               | Motion detection (support alarm triggering by specified target types (human and vehicle)),video tampering alarm,exception                    |
| Protocols                   | TCP/IP, ICMP, DHCP, DNS, HTTP, RTP, RTCP, RTSP, NTP, IGMP, IPv6, UDP, QoS, UPnP                                                              |
| General Function            | One-key reset, heartbeat, mirror, password protection, privacy mask, watermark, IP address filter                                            |
| <b>Interface</b>            |                                                                                                                                              |
| Communication Interface     | 1 RJ45 10M/100M self-adaptive Ethernet port                                                                                                  |
| Reset Button                | Yes                                                                                                                                          |
| <b>General</b>              |                                                                                                                                              |
| Power Supply                | Bullet: 12 VDC ± 25%, 0.5 A, max. 6 W,Ø5.5 mm coaxial power plug,reverse polarity protection,A switching adapter is included in the package. |
|                             | Dome: 12 VDC ± 25%, reverse polarity protection, 0.75 A, max. 9 W, Ø5.5 mm coaxial power plug                                                |
| Consumption                 | Bullet: ≤ 6 W                                                                                                                                |
|                             | Dome: ≤ 9 W                                                                                                                                  |

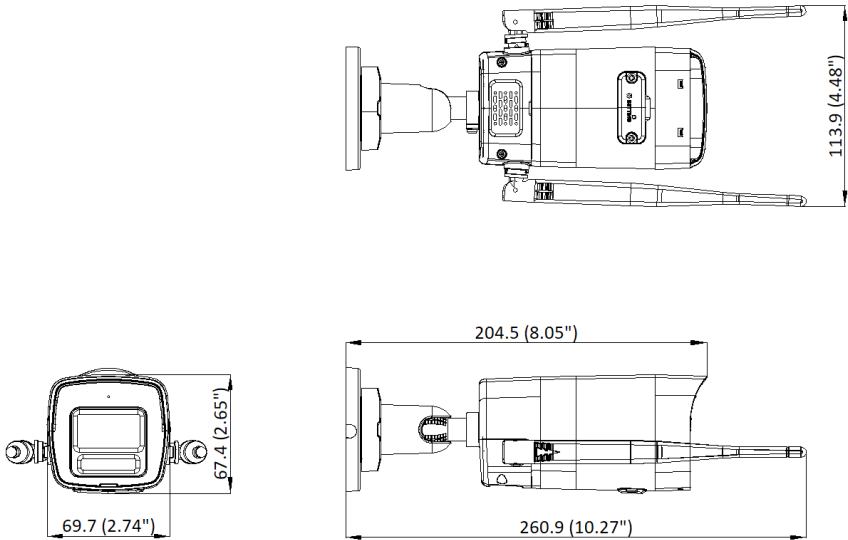
|                                       |                                                                                                                                                         |
|---------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------|
| Working Temperature                   | Bullet: -30 °C to 60 °C (-22 °F to 140 °F)<br>Dome: -10 °C to 40 °C (-14 °F to 104 °F)                                                                  |
| Working Humidity                      | 95% or less (non-condensing)                                                                                                                            |
| Dimension (W × D × H)                 | Bullet: 260.9 mm × 113.9 mm × 67.4 mm (10.3" × 4.5" × 2.7")<br>Turret: Ø124 mm × 119 mm (Ø4.89" × 4.68")                                                |
| Weight                                | Bullet: 305 g (0.67 lb.)<br>Dome: 600 g (1.32 lb.)                                                                                                      |
| <b>Others</b>                         |                                                                                                                                                         |
| Camera Case Type                      | Bullet,Dome                                                                                                                                             |
| Image Sensor                          | 1/2.7" Progressive Scan CMOS                                                                                                                            |
| Min. Illumination                     | Bullet : Color: 0.005 Lux @ (F1.6, AGC ON), B/W: 0 Lux with IR<br>Dome :Color: 0.005 Lux @ (F1.6, AGC ON),B/W: 0.001 Lux @ (F1.6, AGC ON),0 Lux with IR |
| Day &Night                            | IR cut filter                                                                                                                                           |
| WDR                                   | DWDR                                                                                                                                                    |
| Angle Adjustment                      | Bullet: Pan: 0° to 360°,tilt: 0° to 90°,rotate: 0° to 360°<br>Dome: Pan: 0° to 345°,tilt: 0° to 80°                                                     |
| Protection Level                      | IP66                                                                                                                                                    |
| Wi-Fi Support                         | Yes                                                                                                                                                     |
| <b>NVS</b>                            |                                                                                                                                                         |
| <b>Video and Audio</b>                |                                                                                                                                                         |
| IP Video Input                        | 4-ch                                                                                                                                                    |
| Incoming/Outgoing Bandwidth           | 20 Mbps/20 Mbps                                                                                                                                         |
| <b>Decoding</b>                       |                                                                                                                                                         |
| Video Resolution                      | 6 MP/5 MP/4 MP/3 MP/1080p/UXGA /720p/VGA/4CIF/DCIF/ 2CIF/CIF/QCIF                                                                                       |
| Synchronous Playback                  | 1-ch                                                                                                                                                    |
| <b>Network</b>                        |                                                                                                                                                         |
| Network Interface                     | 1, RJ45 10/100M Ethernet interface                                                                                                                      |
| <b>Wi-Fi</b>                          |                                                                                                                                                         |
| Frequency Band                        | 2.4 GHz                                                                                                                                                 |
| Antenna Structure                     | High gain antenna                                                                                                                                       |
| Transmission Speed                    | 150 Mbps                                                                                                                                                |
| Transmission Standard                 | IEEE 802.11b/g/n/ax                                                                                                                                     |
| <b>Auxiliary Interface</b>            |                                                                                                                                                         |
| SD Card                               | 32G/64G/128G/256G/512G                                                                                                                                  |
| <b>General</b>                        |                                                                                                                                                         |
| Power Supply                          | 12 VDC                                                                                                                                                  |
| Consumption (without HDD and PoE off) | ≤ 6 W                                                                                                                                                   |
| Working Temperature                   | -10 °C to 55 °C (14 °F to 131 °F)                                                                                                                       |
| Working Humidity                      | 10% to 90%                                                                                                                                              |
| Dimension (W × D × H)                 | 163 x 125 x 26 mm (6.4" × 4.9" × 1.0")                                                                                                                  |
| Weight (without hard disk)            | ≤ 500g                                                                                                                                                  |

| Kit                   |                                                                                                     |
|-----------------------|-----------------------------------------------------------------------------------------------------|
| Accessories           | Power adaptor: 2 × IPC power adaptor, 1 × NVS power adaptor<br>Ethernet cable: RJ45, Cat5e UTP, 1 m |
| Certification         | CB, CE                                                                                              |
| Weight (with package) | ≤ 2.5 kg (5.5 lb)                                                                                   |

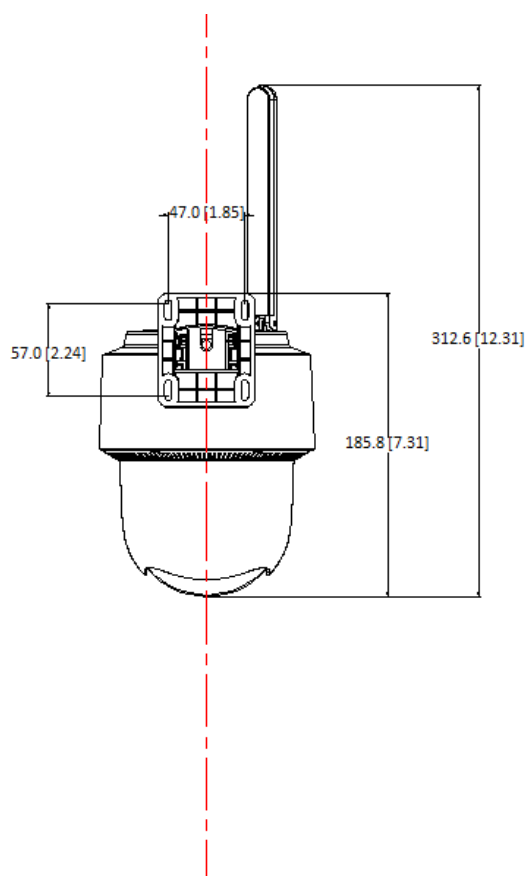
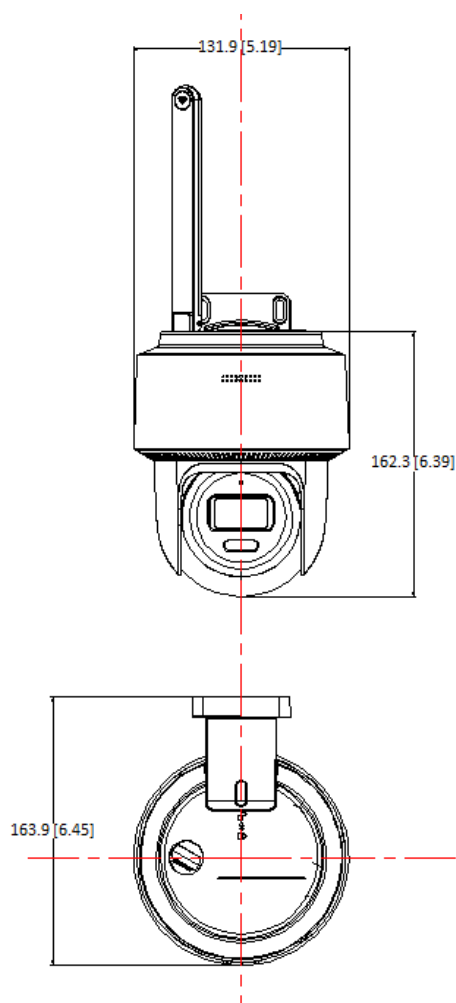
▪ Available Model

NKS424W03H

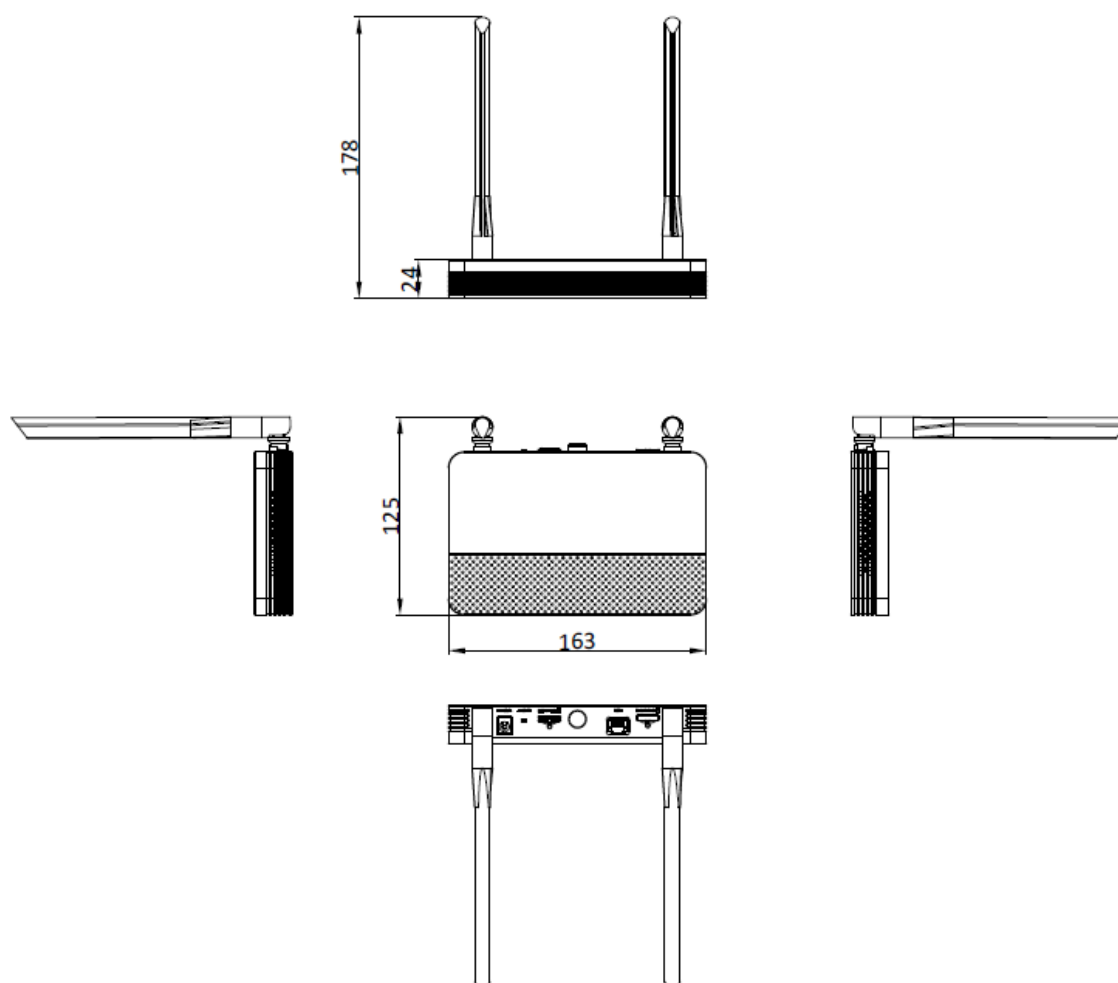
▪ Dimension



Unit: mm (inch)



Unit: mm[inch]



scale/1:1;Unit/mm

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