

## 6MP H265 IR Dome Camera

- 1/2.9" 6 Megapixel Progressive Scan STARVIS™ CMOS
- H.265 & H.264 Triple-Stream Encoding
- 20FPS at 6MP (3072x2048), 25/30FPS at 4MP (2688x1520)
- Smart Detection Supported
- WDR (120dB), Day/Night (ICR), 3DNR, AWB, AGC, BLC
- Multiple Network Monitoring: Web Viewer, STORM VMS
- 2.8mm Fixed Lens
- 1/1 Alarm In/Out, 1/1 Audio In/Out
- Max. IR LEDs Length 30m
- Micro SD Memory Card, IP67, IK10, PoE



### Popular Mounting Solutions



INSX136  
Junction Box

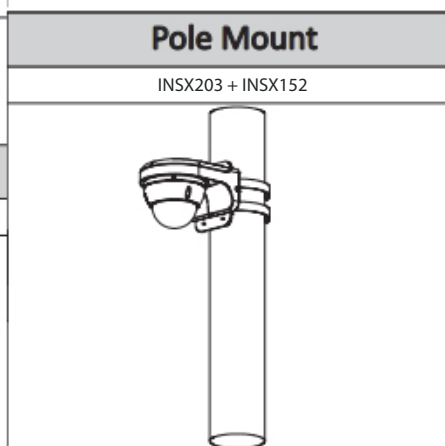
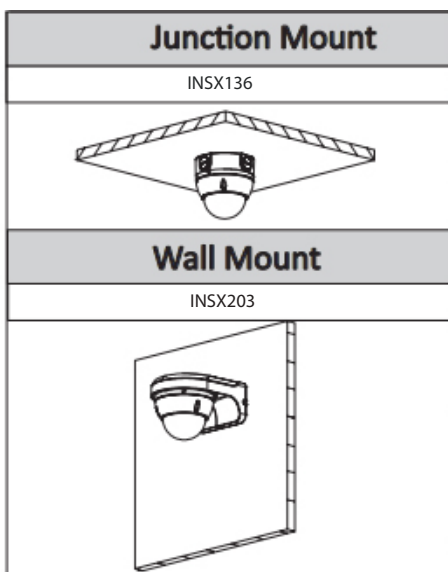
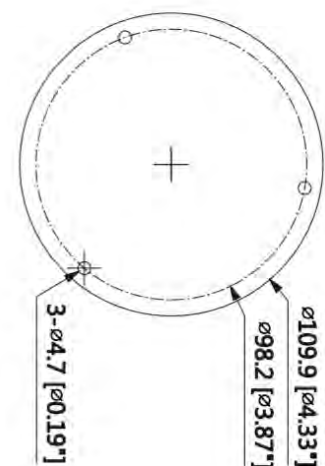
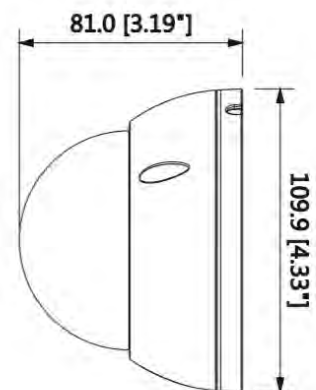


INSX203  
Wall Mount



INSX152  
Pole Mount

### Dimensions (mm)



## Technical Specifications

| Camera                   |             |                                                                                                   |            |            |           |
|--------------------------|-------------|---------------------------------------------------------------------------------------------------|------------|------------|-----------|
| Image Sensor             |             | 1/2.9" 6 Megapixel progressive scan CMOS                                                          |            |            |           |
| Effective Pixels         |             | 3072(H) x 2048(V)                                                                                 |            |            |           |
| RAM/ROM                  |             | 512MB / 32MB                                                                                      |            |            |           |
| Scanning System          |             | Progressive                                                                                       |            |            |           |
| Electronic Shutter Speed |             | Auto/Manual, 1/3(4)~1/100000s                                                                     |            |            |           |
| Minimum Illumination     |             | 0.04 Lux / F1.6 (Color, 1/3s, 30IRE) 0.4 Lux / F1.6 (Color, 1/30s, 30IRE)<br>0 Lux / F1.6 (IR on) |            |            |           |
| S/N Ratio                |             | More than 50dB                                                                                    |            |            |           |
| IR Distance              |             | Distance up to 30m (98ft)                                                                         |            |            |           |
| IR On/Off Control        |             | Auto / Manual                                                                                     |            |            |           |
| IR LEDs                  |             | 18                                                                                                |            |            |           |
| Camera Features          |             |                                                                                                   |            |            |           |
| Day/Night                |             | Auto(ICR) / Color / B/W                                                                           |            |            |           |
| Backlight Compensation   |             | BLC / HLC / WDR (120dB)                                                                           |            |            |           |
| White Balance            |             | Auto / Natural / Street Lamp / Outdoor / Manual                                                   |            |            |           |
| Gain Control             |             | Auto / Manual                                                                                     |            |            |           |
| Noise Reduction          |             | 3D DNR                                                                                            |            |            |           |
| Digital Zoom             |             | 16x                                                                                               |            |            |           |
| Privacy Masking          |             | Off / On (4 Areas, Rectangle)                                                                     |            |            |           |
| Lens                     |             |                                                                                                   |            |            |           |
| Lens Type                |             | Fixed                                                                                             |            |            |           |
| Mount Type               |             | Board-in                                                                                          |            |            |           |
| Focal Length             |             | 2.8mm                                                                                             |            |            |           |
| Max. Aperture            |             | F1.6                                                                                              |            |            |           |
| Viewing Angle            |             | H: 98°, V: 67°                                                                                    |            |            |           |
| Focus Control            |             | Fixed                                                                                             |            |            |           |
| Pan/Tilt/Rotation        |             | Pan: 0°~355°; Tilt: 0°~65°; Rotation: 0°~355°                                                     |            |            |           |
| DORI Distance            | Lens 2.8 mm | Detect                                                                                            | Observe    | Recognize  | Identify  |
|                          |             | 69m (226ft)                                                                                       | 28m (92ft) | 14m (46ft) | 7m (23ft) |

\* Design and specifications are subject to change without notice.

## Technical Specifications

| Video                      |                                                                                                                                                                                                         |
|----------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Compression                | H.265+ / H.265 / H.264+ / H.264                                                                                                                                                                         |
| Resolution                 | (3072×2048) / (3072×1728) / (2592×1944) / (2688×1520) / (2560×1440) / (2304×1296) / 1080P(1920×1080)/SXGA(1280×1024) / 1.3MP(1280×960) / 720P (1280×720) / D1 (704×576/704×480) / CIF (352×288/352×240) |
| Frame Rate                 | Main Stream: 6MP (1~20fps), 4MP (1~25/30fps)                                                                                                                                                            |
|                            | Sub Stream: D1 (1 ~ 25/30fps)                                                                                                                                                                           |
|                            | Third Stream: 1080P (1~25/30fps)                                                                                                                                                                        |
| Bit Rate                   | H.264: 24K ~ 10240Kbps; H.265: 14K ~ 9984Kbps                                                                                                                                                           |
| Bit Rate Control           | CBR / VBR                                                                                                                                                                                               |
| Audio                      |                                                                                                                                                                                                         |
| Compression                | G.711a / G.711Mu / AAC / G.726                                                                                                                                                                          |
| Intelligent Functions      |                                                                                                                                                                                                         |
| IVS                        | Tripwire, Intrusion, Object Abandoned / Missing                                                                                                                                                         |
| Adv. Intelligent Functions | Face Detection                                                                                                                                                                                          |
| Network                    |                                                                                                                                                                                                         |
| Ethernet                   | RJ-45 (10/100Base-T)                                                                                                                                                                                    |
| Protocol                   | HTTP; HTTPs; TCP; ARP; RTSP; RTP; UDP; SMTP; FTP; DHCP; DNS; DDNS; PPPOE; IPv4/v6; QoS; UPnP;NTP; Bonjour; 802.1x; Multicast; ICMP; IGMP; SNMP                                                          |
| Compatibility              | ONVIF, PSIA, CGI                                                                                                                                                                                        |
| Edge Storage               | NAS<br>Local PC for instant recording<br>Micro SD card 128GB                                                                                                                                            |
| Maximum User Access        | 10 Users / 20 Users                                                                                                                                                                                     |
| Smart Phone                | iOS, Android                                                                                                                                                                                            |
| Interface                  |                                                                                                                                                                                                         |
| Video Interface            | N/A                                                                                                                                                                                                     |
| Audio Interface            | 1/1 channel In/Out                                                                                                                                                                                      |
| RS485                      | N/A                                                                                                                                                                                                     |
| Alarm                      | 1 channel In: 5mA 5VDC<br>1 channel Out: 300mA 12VDC                                                                                                                                                    |
| General                    |                                                                                                                                                                                                         |
| Power Supply               | DC12V, PoE (802.3af)(Class 0)                                                                                                                                                                           |
| Power Consumption          | Less than 5.5W                                                                                                                                                                                          |
| Working Environment        | -30° C ~ +50° C / Less than 95% RH                                                                                                                                                                      |
| Ingress Protection         | IP67                                                                                                                                                                                                    |
| Vandal Protection          | IK10                                                                                                                                                                                                    |
| Dimensions                 | Φ 109.9mm × 81mm (4.33" × 3.19")                                                                                                                                                                        |

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