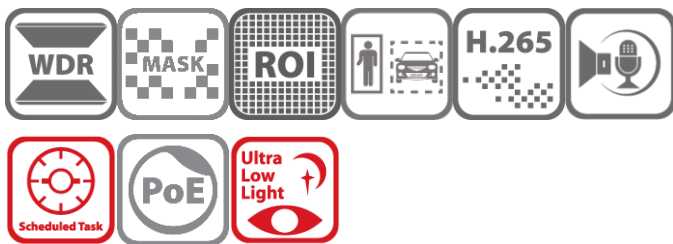


## PTZ-ND4404/SL#AUS Dual-Lens 4MP+4MP 4X POE PTZ Network Camera



HiLook 4 × IR Network Speed Dome adopts 1/2.8" progressive scan CMOS chip. With the 4 × optical zoom lens, the camera offers more details over expansive areas.

- Captures a large area and great details at the same time
- High quality imaging with 4 MP resolution
- Excellent low-light performance with powered-by-DarkFighter technology
- Secures an expansive area with 4× optical zoom and 16× digital zoom
- Supports WDR, HLC, BLC, 3D DNR, defog, regional exposure, regional focus
- Supports 12V DC & PoE+
- Support Human and Vehicle Detection
- Active red & blue strobe light and audio alarm to warn intruders off

## ▪ Specification

| Model       |                        | PTZ-ND4404/SL#AUS                                                                                                                                                                                                                                 |
|-------------|------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Camera      | Image Sensor           | [Bullet channel]: 1/2.8" Progressive Scan CMOS; [PTZ channel]: 1/2.8" progressive scan CMOS                                                                                                                                                       |
|             | Min. Illumination      | [Bullet channel]: Color: 0.01 Lux @ (F1.6, AGC ON), B/W: 0.005 Lux @ (F1.6, AGC ON), 0 Lux with IR;<br>[PTZ channel]: Color: 0.01 Lux @ (F1.5, AGC ON), B/W: 0.005Lux @ (F1.5, AGC ON), 0 Lux with IR                                             |
|             | Shutter Speed          | 1 s to 1/30,000 s                                                                                                                                                                                                                                 |
|             | Slow Shutter           | yes                                                                                                                                                                                                                                               |
|             | Day & Night            | ICR                                                                                                                                                                                                                                               |
|             | Zoom                   | [PTZ channel] 4 × optical, 16 × digital                                                                                                                                                                                                           |
|             | Max. Resolution        | [Bullet channel] 2560 × 1440, [PTZ channel] 2560 × 1440                                                                                                                                                                                           |
| Lens        | Focus                  | auto, manual, semi-auto                                                                                                                                                                                                                           |
|             | Focal Length           | [Bullet channel]: 2.8 mm; [PTZ channel]: 2.8 to 12 mm, 4 × optical                                                                                                                                                                                |
|             | Zoom Speed             | [PTZ channel]: approx. 3.3 s                                                                                                                                                                                                                      |
|             | FOV                    | [Bullet channel] horizontal field of view: 114.9°, vertical field of view: 62.4°, diagonal field of view: 130.7°, [PTZ channel] horizontal field of view: 98° to 34.2°, vertical field of view: 52° to 19.2°, diagonal field of view: 111° to 39° |
|             | Aperture               | [Bullet channel]: F1.6; [PTZ channel]: F1.5 to F2.9                                                                                                                                                                                               |
| Illuminator | Supplement Light Type  | [Bullet channel] Hybrid (IR and White Light), [PTZ channel] IR                                                                                                                                                                                    |
|             | Smart Supplement Light | Yes                                                                                                                                                                                                                                               |
|             | Supplement Light Range | [PTZ channel]: IR Distance: up to 40 m;<br>[Bullet channel]: IR Distance: up to 30 m; White Light Distance: 30 m                                                                                                                                  |
| PTZ         | Movement Range (Pan)   | 0° to 350°                                                                                                                                                                                                                                        |
|             | Movement Range (Tilt)  | [Bullet channel] 7° to 17° (manually adjust), [PTZ channel] -5° to 90°                                                                                                                                                                            |
|             | Pan Speed              | pan speed: configurable from 0.1° to 30°/s; preset speed: 30°/s                                                                                                                                                                                   |
|             | Tilt Speed             | tilt speed: configurable from 0.1° to 30°/s, preset speed 30°/s                                                                                                                                                                                   |
|             | Proportional Pan       | yes                                                                                                                                                                                                                                               |
|             | Presets                | 300                                                                                                                                                                                                                                               |
|             | Patrol Scan            | 8 patrols, up to 32 presets for each patrol                                                                                                                                                                                                       |
|             | Power-off Memory       | yes                                                                                                                                                                                                                                               |
|             | Park Action            | preset, patrol scan                                                                                                                                                                                                                               |
|             | 3D Positioning         | yes                                                                                                                                                                                                                                               |
|             | PTZ Status Display     | yes                                                                                                                                                                                                                                               |
|             | Preset Freezing        | yes                                                                                                                                                                                                                                               |

|         |                             |                                                                                                                                                                                                                                                                            |
|---------|-----------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|         | Scheduled Task              | dome reboot, preset, patrol scan, dome adjust, aux output                                                                                                                                                                                                                  |
| Video   | Main Stream                 | [Bullet channel]:<br>50 Hz: 15 fps (2560 × 1440, 1920 × 1080, 1280 × 720)<br>60 Hz: 15 fps (2560 × 1440, 1920 × 1080, 1280 × 720)<br>[PTZ channel]:<br>50 Hz: 15 fps (2560 × 1440, 1920 × 1080, 1280 × 720)<br>60 Hz: 15 fps (2560 × 1440, 1920 × 1080, 1280 × 720)        |
|         | Sub-Stream                  | [Bullet channel]:<br>50 Hz: 15 fps (640 × 480, 640 × 360)<br>60 Hz: 15 fps (640 × 480, 640 × 360)<br>[PTZ channel]:<br>50 Hz: 15 fps (640 × 480, 640 × 360)<br>60 Hz: 15 fps (640 × 480, 640 × 360)                                                                        |
|         | Third Stream                | [Bullet channel]:<br>50 Hz: 15 fps (1280 × 720, 640 × 480, 640 × 360)<br>60 Hz: 15 fps (1280 × 720, 640 × 480, 640 × 360)<br>[PTZ channel]:<br>50 Hz: 15 fps (1280 × 720, 640 × 480, 640 × 360)<br>60 Hz: 15 fps (1280 × 720, 640 × 480, 640 × 360)                        |
|         | Region of Interest (ROI)    | 1 fixed regions for main stream                                                                                                                                                                                                                                            |
|         | Video Compression           | H.265, H.264, MJPEG                                                                                                                                                                                                                                                        |
|         | Video Bit Rate              | 32 kbps to 16384 kbps                                                                                                                                                                                                                                                      |
|         | H.264 Type                  | main profile, baseline profile, high profile                                                                                                                                                                                                                               |
|         | H.265 Type                  | main profile                                                                                                                                                                                                                                                               |
|         | Scalable Video Coding (SVC) | yes                                                                                                                                                                                                                                                                        |
| Audio   | Audio Compression           | G.711, G.722.1, G.726, MP2L2, PCM, MP3, AAC                                                                                                                                                                                                                                |
|         | Audio Bit Rate              | MP2L2: 32 kbps, 40 kbps, 48 kbps, 56 kbps, 64 kbps, 80 kbps, 96 kbps, 112 kbps, 128 kbps, 144 kbps, 160 kbps; AAC : 16 kbps, 32 kbps, 64 kbps; MP3: 8 kbps, 16 kbps, 32 kbps, 40 kbps, 48 kbps, 56 kbps, 64 kbps, 80 kbps, 96 kbps, 112 kbps, 128 kbps, 144 kbps, 160 kbps |
|         | Audio Sampling Rate         | MP2L2: 16 kHz, AAC-LC: 16 kHz, PCM: 8 kHz, 16 kHz, MP3: 8 kHz, 16 kHz                                                                                                                                                                                                      |
|         | Environment Noise Filtering | yes                                                                                                                                                                                                                                                                        |
| Network | API                         | ONVIF (Profile S, Profile G, Profile T), ISAPI, SDK, ISUP                                                                                                                                                                                                                  |
|         | Network Storage             | NAS (NFS, SMB/ CIFS), ANR, ANR                                                                                                                                                                                                                                             |
|         | Protocols                   | TCP/IP, SMTP, RTSP, FTP, WebSockets, IGMP, WebSocket, Qos, RTCP, HTTPS, PPPoE, SNMP, NTP, RTP, UDP, DNS, HTTP, DHCP, Bonjour, 802.1x, IPv4/IPv6, DDNS, ICMP, UPnP                                                                                                          |
|         | Simultaneous Live View      | 6                                                                                                                                                                                                                                                                          |
|         | User/Host                   | 32                                                                                                                                                                                                                                                                         |

|           |                          |                                                                                                                                                                                                                                                                                                                                |
|-----------|--------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|           | Security                 | 802.1X authenticated access,MAC address binding,Authenticated username and password,IP address filter,HTTPS encryption                                                                                                                                                                                                         |
|           | Client                   | iVMS-4200,Hik-Connect                                                                                                                                                                                                                                                                                                          |
|           | Web Browser              | IE8+, Chrome31 to 44, Firefox 30 to 51, Safari8.0+                                                                                                                                                                                                                                                                             |
| Image     | Image Settings           | sharpness, saturation, brightness, contrast                                                                                                                                                                                                                                                                                    |
|           | Wide Dynamic Range (WDR) | 120 dB                                                                                                                                                                                                                                                                                                                         |
|           | SNR                      | ≥ 52 dB                                                                                                                                                                                                                                                                                                                        |
|           | Defog                    | Digital defog                                                                                                                                                                                                                                                                                                                  |
|           | Day/Night Switch         | day, night, auto, scheduled-switch                                                                                                                                                                                                                                                                                             |
|           | Image Enhancement        | BLC,HLC,3D DNR                                                                                                                                                                                                                                                                                                                 |
|           | Privacy Mask             | [Bullet channel] 24 programmable polygon privacy masks, [PTZ channel] 24 programmable polygon privacy masks                                                                                                                                                                                                                    |
|           | Regional Focus           | [Bullet channel] No, [PTZ channel] Yes                                                                                                                                                                                                                                                                                         |
|           | Regional Exposure        | [Bullet channel] No, [PTZ channel] Yes                                                                                                                                                                                                                                                                                         |
|           | Image Parameters Switch  | Yes                                                                                                                                                                                                                                                                                                                            |
| Interface | Built-in Microphone      | 1 built-in microphone                                                                                                                                                                                                                                                                                                          |
|           | Built-in Speaker         | 1 built-in speaker                                                                                                                                                                                                                                                                                                             |
|           | Ethernet Interface       | RJ45, self-adaptive 10M/100M Ethernet port                                                                                                                                                                                                                                                                                     |
|           | On-board Storage         | Built-in memory card slot, support Micro SD/SDHC/SDXC, up to 512 GB                                                                                                                                                                                                                                                            |
|           | Reset                    | yes                                                                                                                                                                                                                                                                                                                            |
| Event     | Basic Event              | Motion detection,video tampering alarm,exception                                                                                                                                                                                                                                                                               |
|           | Smart Event              | Line crossing detection, intrusion detection Note: 1. Supports Line Crossing & Intrusion on both lenses simultaneously; Support up to 60 targets/minute (Both lenses); 2. Disable Motion is required for using Line Crossing & Intrusion                                                                                       |
|           | Linkage                  | [Bullet channel] Upload to FTP/NAS/memory card, notify surveillance center, send email, trigger alarm output, and trigger recording, [PTZ channel] Upload to FTP/NAS/memory card, notify surveillance center, send email, trigger alarm output, trigger recording, and PTZ actions (such as preset, patrol scan, pattern scan) |
| General   | General Function         | mirror,watermark,IP address filter,password protection                                                                                                                                                                                                                                                                         |
|           | Power                    | 12 VDC, max. 13.5 W,PoE+                                                                                                                                                                                                                                                                                                       |
|           | Operating Condition      | -30 °C to 50 °C (-22 °F to 122 °F). Humidity 95% or less (non-condensing)                                                                                                                                                                                                                                                      |
|           | Demist                   | Demist by heating the glass                                                                                                                                                                                                                                                                                                    |

|          |            |                                                                  |
|----------|------------|------------------------------------------------------------------|
|          | Material   | PC                                                               |
|          | Dimension  | 311.5 mm × 223.5 mm × 156 mm (12.26" × 8.80" × 6.14")            |
|          | Weight     | Approx. 1.37 kg (3.02 lb.)                                       |
| Approval | Protection | IP66 Standard, Surge Protection and Voltage Transient Protection |

## ▪ DORI

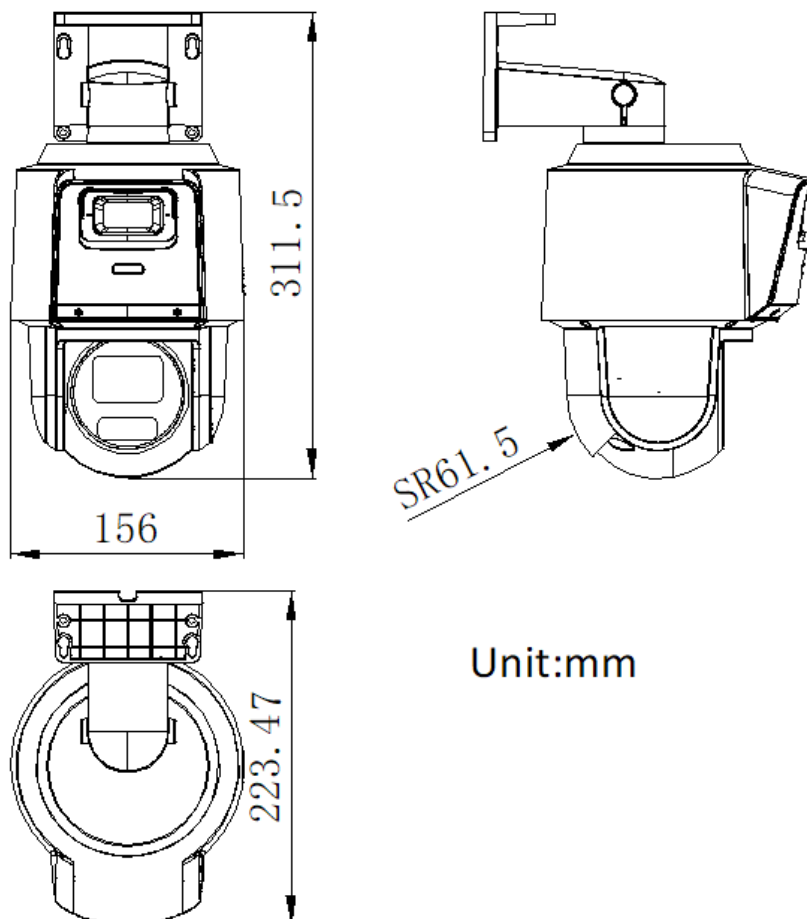
The DORI (detect, observe, recognize, identify) distance gives the general idea of the camera ability to distinguish persons or objects within its field of view. It is calculated based on the camera sensor specification and the criteria given by EN 62676-4: 2015.

| DORI            | Detect              | Observe           | Recognize         | Identify         |
|-----------------|---------------------|-------------------|-------------------|------------------|
| Distance (Tele) | 156.5 m ( 513.5 ft) | 62.1 m (203.7 ft) | 31.3 m (102.7 ft) | 15.7 m (51.5 ft) |

## ▪ Available Model

PTZ-ND4404/SL(2.8mm)(HIK AUSTRALIA)

## ▪ Dimension



# See Far, Go Further



[www.hikvision.com](http://www.hikvision.com)  
[support@hikvision.com](mailto:support@hikvision.com)



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# HiLook