

# 4MP LightHunter Intelligent Bullet Network Camera IPC264SA-AHDX4K-I1



## Features

- High quality image with 4 MP, 1/1.8" CMOS sensor
- 2688 × 1520@60 fps in the main stream, delivers detailed live while 60 fps keeping it smooth and closer to the real image
- Ultra 265, H.265, H.264, MJPEG
- Smart intrusion prevention, supports false alarm filtering, including cross Line, Intrusion, enter area, and leave area detection
- Lighthunter technology ensures ultra-high image quality in low illumination environments
- Up to 130 dB optical WDR (wide dynamic range)
- 5 mixed-lights, up to 120 m (393.7 ft) IR range, up to 30 m (98.4 ft) warm light
- DC 12 V, PoE (IEEE 802.3at) power supply
- Built-in heater, allows low temperature start-up at -40 °C
- Alarm I/O: 3/2, audio I/O: 2/1
- IP67, IK10
- Intelligent function supported when frame rate is below 30 fps

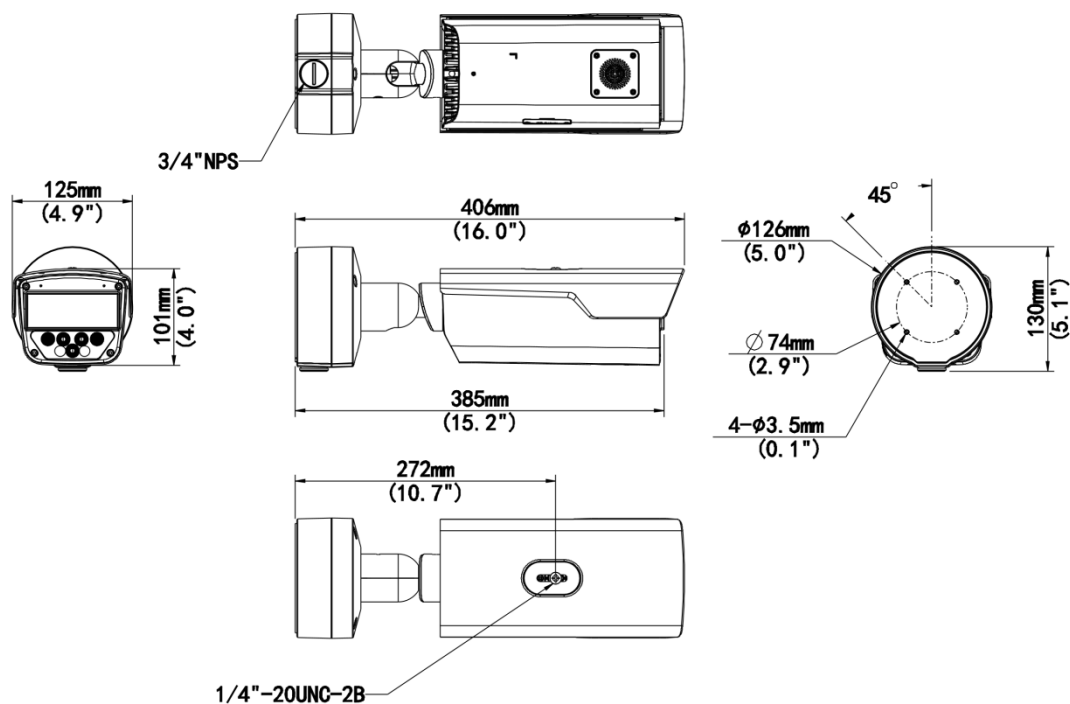
## Specifications

| Model                              | IPC264SA-AHDX4K-I1                                                                                                                                                                   |
|------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Camera</b>                      |                                                                                                                                                                                      |
| Sensor                             | 1/1.8" CMOS                                                                                                                                                                          |
| Min. Illumination                  | Color: 0.001 Lux (F1.6, AGC ON), 0 Lux with Light                                                                                                                                    |
| Day/Night                          | IR-cut filter with auto switch (ICR)                                                                                                                                                 |
| Shutter                            | Auto/Manual, 1 to 1/100000 s                                                                                                                                                         |
| WDR                                | 130 dB                                                                                                                                                                               |
| S/N                                | >56 dB                                                                                                                                                                               |
| <b>Lens</b>                        |                                                                                                                                                                                      |
| Focal Length                       | 8 to 32 mm                                                                                                                                                                           |
| Iris                               | F1.6                                                                                                                                                                                 |
| Field of View (H)                  | 42.6° to 15.2°                                                                                                                                                                       |
| Field of View (V)                  | 23.5° to 8.9°                                                                                                                                                                        |
| Field of View (D)                  | 52.4° to 17.9°                                                                                                                                                                       |
| Iris Type                          | P-iris                                                                                                                                                                               |
| <b>DORI</b>                        |                                                                                                                                                                                      |
| DORI Distance (Lens)               | 8 to 32 mm                                                                                                                                                                           |
| DORI Distance (Detect)             | 165.7 m to 444.4 m (543.7 ft. to 1458.1 ft.)                                                                                                                                         |
| DORI Distance (Observe)            | 66.3 m to 177.8 m (217.5 ft. to 583.2 ft.)                                                                                                                                           |
| DORI Distance (Recognize)          | 33.1 m to 88.9 m (108.7 ft. to 291.6 ft.)                                                                                                                                            |
| DORI Distance (Identify)           | 16.6 m to 44.4 m (54.4 ft. to 145.8 ft.)                                                                                                                                             |
| <b>Illuminator</b>                 |                                                                                                                                                                                      |
| Illumination Distance (Warm Light) | 30 m (98.4 ft.)                                                                                                                                                                      |
| Illumination Distance (IR)         | 120 m (393.7 ft.)                                                                                                                                                                    |
| IR On/Off Control                  | Auto/Manual                                                                                                                                                                          |
| Wavelength                         | 750 nm                                                                                                                                                                               |
| <b>Video</b>                       |                                                                                                                                                                                      |
| Video Compression                  | Ultra 265, H.265, H.264, MJPEG                                                                                                                                                       |
| Video Bit Rate                     | 128 Kbps to 16 Mbps                                                                                                                                                                  |
| ROI                                | Support                                                                                                                                                                              |
| Video Stream                       | Triple streams                                                                                                                                                                       |
| Privacy Mask                       | Up to 8 areas (8 blacks / 8 mosaics)                                                                                                                                                 |
| OSD                                | Up to 10 OSDs                                                                                                                                                                        |
| Frame Rate-Main Stream             | 4 MP (2688 × 1520), max. 60 fps                                                                                                                                                      |
| Frame Rate-Sub Stream              | 1080P (1920 × 1080), max. 60 fps                                                                                                                                                     |
| Frame Rate-Third Stream            | D1 (720 × 576), max. 60 fps                                                                                                                                                          |
| <b>Intelligent</b>                 |                                                                                                                                                                                      |
| Smart Intrusion Prevention         | Cross line detection, intrusion detection, enter area detection, leave area detection (support false alarm filtering and the classification of human, non-motor vehicle and vehicle) |
| People Counting                    | Support people flow counting and crowd density monitoring                                                                                                                            |

|                         |                                                                                                                                                                                                                     |
|-------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Traffic Monitoring      | Support capturing car license picture and collect other car information when the car passes tripwire, Up to 4 lanes can be set, Two types of application mode available: High/Low pole                              |
| <b>Image</b>            |                                                                                                                                                                                                                     |
| White Balance           | Auto, Outdoor, Fine tune, Sodium lamp, Locked, Auto2                                                                                                                                                                |
| Digital Noise Reduction | 2D/3D DNR                                                                                                                                                                                                           |
| Flip                    | Flip vertical, Flip horizontal, Normal, 180°, 90° Clockwise, 90° Anti-clockwise                                                                                                                                     |
| HLC                     | Support                                                                                                                                                                                                             |
| BLC                     | Support                                                                                                                                                                                                             |
| Smart IR                | Support                                                                                                                                                                                                             |
| Defog                   | Digital defog                                                                                                                                                                                                       |
| Heatwave Reduction      | N/A                                                                                                                                                                                                                 |
| <b>Events</b>           |                                                                                                                                                                                                                     |
| Basic Detection         | Motion detection, Tampering alarm, Audio detection, Ultra motion detection                                                                                                                                          |
| General Function        | Watermark, IP address filtering, Access policy, ARP protection, RTSP authentication, User authentication, HTTP authentication, Alarm input, Alarm output                                                            |
| <b>Audio</b>            |                                                                                                                                                                                                                     |
| Audio Compression       | G.711U, G.711A                                                                                                                                                                                                      |
| Audio Bitrate           | 128 Kbps                                                                                                                                                                                                            |
| Two-way Audio           | Support                                                                                                                                                                                                             |
| Suppression             | Support                                                                                                                                                                                                             |
| Sampling Rate           | 16KHZ                                                                                                                                                                                                               |
| <b>Storage</b>          |                                                                                                                                                                                                                     |
| Edge Storage            | MicroSD, up to 512 GB                                                                                                                                                                                               |
| Network Storage         | ANR, NAS (NFS)                                                                                                                                                                                                      |
| <b>Network</b>          |                                                                                                                                                                                                                     |
| Protocols               | SSH, IGMP, RTP, RTCP, SMTP, IPv4, IPv6, ICMP, ARP, TCP, UDP, DHCP, PPPoE, RTSP, RTMP, DNS, DDNS, NTP, FTP, UPnP, HTTP, HTTPS, 802.1x, SNMP, QoS, SSL/TLS                                                            |
| Compatible Integration  | ONVIF (Profile S, Profile G, Profile T, Profile M), API, SDK                                                                                                                                                        |
| User/Host               | Up to 32 users. 3 user levels: administrator, common user and operator                                                                                                                                              |
| Security                | TLS 1.3, Password Protection, Strong Password, HTTPS Encryption, Export Operation Logs, Basic and Digest Authentication for RTSP, Digest Authentication for HTTP, TLS 1.2, WSSE and Digest Authentication for ONVIF |
| Client                  | EZStation, UNV-Link, UNV-Link Pro                                                                                                                                                                                   |
| Web Browser             | Plug-in required live view: IE 10+, Chrome 45+, Firefox 52+, Edge 79+, Plug-in free live view: Chrome 57+, Firefox 58+, Edge 16+                                                                                    |
| <b>PTZ</b>              |                                                                                                                                                                                                                     |
| Home Position           | Support                                                                                                                                                                                                             |
| <b>Interface</b>        |                                                                                                                                                                                                                     |
| Audio I/O               | 2 Input: impedance 1 k $\Omega$ , amplitude 2.5 V [p-p], 1 Output: impedance 600 $\Omega$ , amplitude 2.5 V [p-p]                                                                                                   |
| Alarm I/O               | 3/2                                                                                                                                                                                                                 |
| Serial Port             | 1 $\times$ RS485                                                                                                                                                                                                    |
| Built-in Mic            | Built-in dual-mic                                                                                                                                                                                                   |
| Built-in Speaker        | Support                                                                                                                                                                                                             |

|                     |                                                                                                                                                                                                                                                                                     |
|---------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Network             | 1 × RJ45 10 M/100 M Base-TX Ethernet                                                                                                                                                                                                                                                |
| Certification       |                                                                                                                                                                                                                                                                                     |
| EMC                 | CE-EMC (EN 55032: 2015+A1:2020, EN 61000-3-3: 2013+A1: 2019, EN IEC 61000-3-2: 2019+A1: 2021, EN 55035: 2017+A11:2020)<br>FCC (FCC CFR 47 part15 B, ANSI C63.4-2014)                                                                                                                |
| Safety              | CE LVD (EN 62368-1:2014+A11:2017)<br>UL (UL 62368-1, 2nd Ed., Issue Date: 2014-12-01)                                                                                                                                                                                               |
| Environment         | CE-RoHS (2011/65/EU; (EU)2015/863); WEEE (2012/19/EU); Reach (Regulation (EC) No 1907/2006)                                                                                                                                                                                         |
| Protection          | IP67 (IEC 60529:1989+AMD1:1999+AMD2:2013)<br>IK10 (IEC 62262:2002)                                                                                                                                                                                                                  |
| General             |                                                                                                                                                                                                                                                                                     |
| Power               | DC 12 V (±25%), PoE+ (IEEE 802.3at)                                                                                                                                                                                                                                                 |
| Power Consumption   | Max. 23 W                                                                                                                                                                                                                                                                           |
| Power Interface     | Ø5.5 mm coaxial power plug                                                                                                                                                                                                                                                          |
| Dimensions          | 406 mm × 126 mm × 130 mm (16.0" × 5.0" × 5.1") (L × W × H)                                                                                                                                                                                                                          |
| Weight              | 2.14 kg (4.72 lb.)                                                                                                                                                                                                                                                                  |
| Working Environment | -40 °C to 60 °C (-40 °F to 140 °F), Humidity: ≤ 95% RH (non-condensing)                                                                                                                                                                                                             |
| Storage Environment | -40 °C to 70 °C (-40 °F to 158 °F), Humidity: ≤ 95% RH (non-condensing)                                                                                                                                                                                                             |
| Surge Protection    | 6 KV                                                                                                                                                                                                                                                                                |
| Reset Button        | Support                                                                                                                                                                                                                                                                             |
| Web Client Language | 22 Languages: Traditional Chinese, English, Simplified Chinese, Polish, German, Russian, French, Korean, Dutch, Czech, Portuguese (Europe), Portuguese (Brazil), Japanese, Thai, Turkish, Spanish (Latin America), Spanish (Europe), Hungarian, Italian, Vietnamese, Arabic, Slovak |
| Heater              | Support                                                                                                                                                                                                                                                                             |

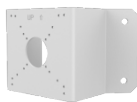
## Dimensions



## Accessories

### TR-UC08-C

Bullet&Dome Corner Mounting Bracket



### TR-UP06-C-IN-V2

Pole Mounting Bracket for Bullet Junction  
Box Only



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