

## IPC-T363H-MU

### 6 MP Intelligent Fixed Turret Network Camera



- High quality imaging with 6 MP resolution
- Support Human and Vehicle Intelligent Detection
- Smart Hybrid Light to guarantee color image when events happen
- Built-in microphone for real-time audio security
- Water and dust resistant (IP67)
- Efficient H.265+ compression technology

## ▪ Specification

| Camera                      |                                                                                                                                              |
|-----------------------------|----------------------------------------------------------------------------------------------------------------------------------------------|
| Image Sensor                | 1/2.4" Progressive Scan CMOS                                                                                                                 |
| Max. Resolution             | 3200 × 1800                                                                                                                                  |
| Min. Illumination           | Color: 0.001 Lux @ (F1.2, AGC ON), B/W: 0 Lux with IR                                                                                        |
| Shutter Time                | 1/3 s to 1/100,000 s                                                                                                                         |
| Day & Night                 | IR cut filter                                                                                                                                |
| Angle Adjustment            | Pan: 0° to 360°, tilt: 0° to 75°, rotate: 0° to 360°                                                                                         |
| Lens                        |                                                                                                                                              |
| Lens Type                   | Fixed focal lens, 2.8 and 4 mm optional                                                                                                      |
| Focal Length & FOV          | 2.8 mm, horizontal FOV 119.6°, vertical FOV 60°, diagonal FOV 149°<br>4 mm, horizontal FOV 96.8°, vertical FOV 50°, diagonal FOV 115°        |
| Lens Mount                  | M12                                                                                                                                          |
| Iris Type                   | Fixed                                                                                                                                        |
| Aperture                    | F1.2                                                                                                                                         |
| DORI                        |                                                                                                                                              |
| DORI                        | 2.8 mm, D: 76 m, O: 30 m, R: 15 m, I: 7 m<br>4 mm, D: 115 m, O: 45 m, R: 23 m, I: 11 m                                                       |
| Illuminator                 |                                                                                                                                              |
| Supplement Light Type       | IR, White Light                                                                                                                              |
| Supplement Light Range      | Up to 30 m                                                                                                                                   |
| Smart Supplement Light      | Yes                                                                                                                                          |
| IR Wavelength               | 850 nm                                                                                                                                       |
| Video                       |                                                                                                                                              |
| Main Stream                 | 50 Hz:<br>20 fps (3200 × 1800, 2688 × 1520, 1920 × 1080, 1280 × 720)<br>60 Hz:<br>20 fps (3200 × 1800, 2688 × 1520, 1920 × 1080, 1280 × 720) |
| Sub-Stream                  | 50 Hz: 20 fps (1280 × 720, 640 × 480, 640 × 360)<br>60 Hz: 20 fps (1280 × 720, 640 × 480, 640 × 360)                                         |
| Video Compression           | Main stream: H.265+/H.265/H.264+/H.264,<br>Sub-stream: H.265/H.264/MJPEG                                                                     |
| Video Bit Rate              | 32 Kbps to 16 Mbps                                                                                                                           |
| H.264 Type                  | Baseline Profile, Main Profile, High Profile                                                                                                 |
| H.265 Type                  | Main Profile                                                                                                                                 |
| Bit Rate Control            | CBR, VBR                                                                                                                                     |
| Scalable Video Coding (SVC) | H.264 and H.265 encoding                                                                                                                     |
| Region of Interest (ROI)    | 1 fixed region for main stream                                                                                                               |
| Audio                       |                                                                                                                                              |
| Audio Type                  | Mono sound                                                                                                                                   |
| Environment Noise Filtering | Yes                                                                                                                                          |
| Audio Sampling Rate         | 8 kHz/16 kHz                                                                                                                                 |
| Audio Compression           | G.711ulaw/G.711alaw/G.722.1/G.726/MP2L2/PCM/AAC-LC                                                                                           |
| Audio Bit Rate              | 64 Kbps (G.711ulaw/G.711alaw)/16 Kbps (G.722.1)/16 Kbps (G.726)/32 to 160 Kbps (MP2L2)/16 to 64 Kbps (AAC-LC)                                |

| Network                          |                                                                                                                                                                                                                        |
|----------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Security                         | Password protection, complicated password, watermark, basic and digest authentication for HTTP, WSSE and digest authentication for Open Network Video Interface, security audit log, host authentication (MAC address) |
| Simultaneous Live View           | Up to 6 channels                                                                                                                                                                                                       |
| API                              | Open Network Video Interface (Profile S, Profile T, Profile G), ISAPI, SDK                                                                                                                                             |
| Protocols                        | TCP/IP, ICMP, DHCP, DNS, HTTP, RTP, RTSP, NTP, IGMP, IPv6, UDP, QoS, FTP, SMTP, UPnP                                                                                                                                   |
| User/Host                        | Up to 32 users<br>3 user levels: administrator, operator, and user                                                                                                                                                     |
| Client                           | iVMS-4200, HiLookVision                                                                                                                                                                                                |
| Web Browser                      | Plug-in required live view: IE 10, IE 11,<br>Local service: Chrome 57.0+, Firefox 52.0+, Edge 89+                                                                                                                      |
| Image                            |                                                                                                                                                                                                                        |
| Wide Dynamic Range (WDR)         | 120 dB                                                                                                                                                                                                                 |
| SNR                              | ≥ 52 dB                                                                                                                                                                                                                |
| Day/Night Switch                 | Day, Night, Auto, Schedule                                                                                                                                                                                             |
| Image Enhancement                | BLC, HLC, 3D DNR                                                                                                                                                                                                       |
| Image Settings                   | Rotate mode, saturation, brightness, contrast, sharpness, gain, white balance, adjustable by client software or web browser                                                                                            |
| Privacy Mask                     | 4 programmable polygon privacy masks                                                                                                                                                                                   |
| Interface                        |                                                                                                                                                                                                                        |
| Ethernet Interface               | 1 RJ45 10 M/100 M self-adaptive Ethernet port                                                                                                                                                                          |
| Built-in Microphone              | Yes                                                                                                                                                                                                                    |
| Reset Key                        | Yes                                                                                                                                                                                                                    |
| Event                            |                                                                                                                                                                                                                        |
| Basic Event                      | Motion detection (support alarm triggering by specified target types (human and vehicle)), video tampering alarm, exception                                                                                            |
| Smart Event                      | Line crossing detection and intrusion detection (support alarm triggering by specified target types (human and vehicle))                                                                                               |
| Linkage                          | Upload to FTP, send email, notify surveillance center, trigger capture                                                                                                                                                 |
| General                          |                                                                                                                                                                                                                        |
| Power                            | 12 VDC ± 25%, 0.41 A, max. 5 W, Ø5.5 mm coaxial power plug, reverse polarity protection,<br>PoE: IEEE 802.3af, Class 3, max. 6.5 W                                                                                     |
| Material                         | Metal                                                                                                                                                                                                                  |
| Dimension                        | Ø127.3 mm × 95.9 mm (Ø5.0" × 3.8")                                                                                                                                                                                     |
| Package Dimension                | 150 mm × 150 mm × 141 mm (5.9" × 5.9" × 5.6")                                                                                                                                                                          |
| Weight                           | Approx. 600 g (1.3 lb.)                                                                                                                                                                                                |
| With Package Weight              | Approx. 909 g (2.0 lb.)                                                                                                                                                                                                |
| Storage Conditions               | -30 °C to 60 °C (-22 °F to 140 °F). Humidity 95% or less (non-condensing)                                                                                                                                              |
| Startup and Operating Conditions | -30 °C to 60 °C (-22 °F to 140 °F). Humidity 95% or less (non-condensing)                                                                                                                                              |
| Language                         | English, Ukrainian                                                                                                                                                                                                     |
| General Function                 | Heartbeat, anti-banding, mirror, password protection, password reset via email                                                                                                                                         |

| Approval    |                                                                                                                                                                                   |
|-------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| EMC         | CE-EMC: EN 55032:2015+A1:2020, EN 50130-4:2011+A1:2014, EN IEC 61000-3-2:2019+A1:2021, EN 61000-3-3:2013+A1:2019+A2:2021,<br>RCM: AS/NZS CISPR 32: 2015,<br>IC: ICES-003: Issue 7 |
| Safety      | CB: IEC 62368-1: 2014+A11,<br>CE-LVD: EN 62368-1: 2014/A11: 2017                                                                                                                  |
| Environment | CE-RoHS: 2011/65/EU,<br>WEEE: 2012/19/EU,<br>Reach: Regulation (EC) No 1907/2006                                                                                                  |
| Protection  | IP67: IEC 60529-2013                                                                                                                                                              |

## ▪ Typical Application

Hilook products are classified into three levels according to their anti-corrosion performance. Refer to the following description to choose for your using environment.

This model has NO SPECIFIC PROTECTION.

| Level                  | Description                                                                                                                                                                                                                                         |
|------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Top-level protection   | Hilook products at this level are equipped for use in areas where professional anti-corrosion protection is a must. Typical application scenarios include coastlines, docks, chemical plants, and more.                                             |
| Moderate protection    | Hilook products at this level are equipped for use in areas with moderate anti-corrosion demands. Typical application scenarios include coastal areas about 2 kilometers (1.24 miles) away from coastlines, as well as areas affected by acid rain. |
| No specific protection | Hilook products at this level are equipped for use in areas where no specific anti-corrosion protection is needed.                                                                                                                                  |

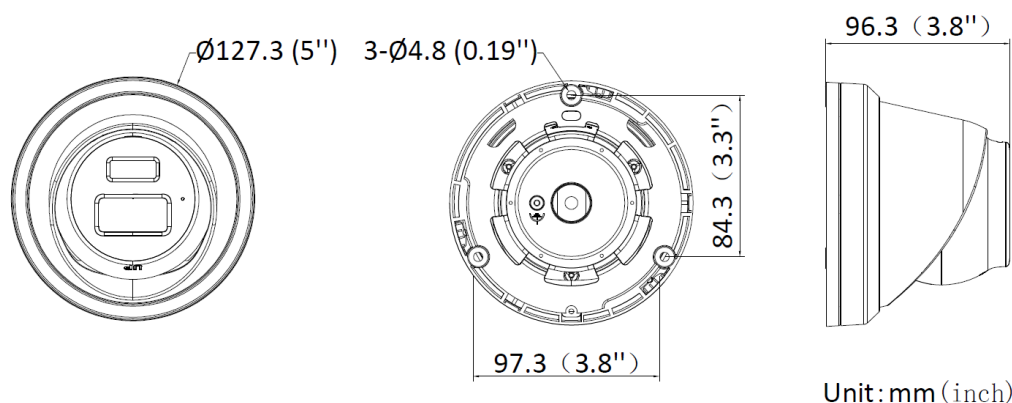
## ▪ Available Model

IPC-T363H-MU (2.8mm)

IPC-T363H-MU (4mm)

IPC-T363H-MU (2.8mm)/Black

## ▪ Dimension



▪ Accessory

▪ Optional

| DS-1271ZJ-130-TRL<br>Pendant Mount                                                  | DS-1276ZJ-SUS<br>(Black)<br>Corner Mount                                            | DS-1281ZJ-M<br>(Black)<br>Inclined Ceiling<br>Mount                                 | DS-1275ZJ-SUS<br>Vertical Pole<br>Mount                                              | DS-1271ZJ-130-TRL<br>(Black)<br>Pendant Mount                                        |
|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|
|    |    |    |   |   |
| DS-1280ZJ-DM8<br>(Black)<br>Junction Box                                            | DS-1281ZJ-M<br>Inclined ceiling<br>mount                                            | DS-1273ZJ-130B-TRL<br>Wall mount                                                    | DS-1276ZJ-SUS<br>Corner mount                                                        | DS-1275ZJ-SUS<br>(Black)<br>Vertical Pole Mount                                      |
|   |   |   |  |  |
| DS-1273ZJ-130-TRL(Black)<br>Wall Mount                                              | DS-1280ZJ-DM8<br>Junction box                                                       | DS-1273ZJ-130-TRL<br>Wall mount                                                     |                                                                                      |                                                                                      |
|  |  |  |                                                                                      |                                                                                      |



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