**HiLook**

## IPC-T383H-MU
## 8 MP Intelligent Fixed Turret Network Camera

**HiLook** **Pro Series**

- High quality imaging with 8 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 | 3840 × 2160 |
| 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° |
| | 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 |
| | 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: |
| | 12.5 fps (3840 × 2160) , 20fps(3200 × 1800, 2688 × 1520, 1920 × 1080, 1280 × 720) |
| Sub-Stream | 50 Hz: 20 fps (1280 × 720, 640 × 480, 640 × 360) |
| Video Compression | Main stream: H.265+/H.265/H.264+/H.264, |
| | 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, Ø 5.5 mm coaxial power plug, reverse polarity protection,<br>PoE: IEEE 802.3af, Class 3, max. 6.5 W |
| Material | Metal |
| Dimension | Ø 127.3 mm × 95.9 mm (Ø 5.0" × 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, |
| | CE-LVD: EN 62368-1: 2014/A11: 2017 |
| Environment | CE-RoHS: 2011/65/EU, |
| | WEEE: 2012/19/EU, |
| | 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.

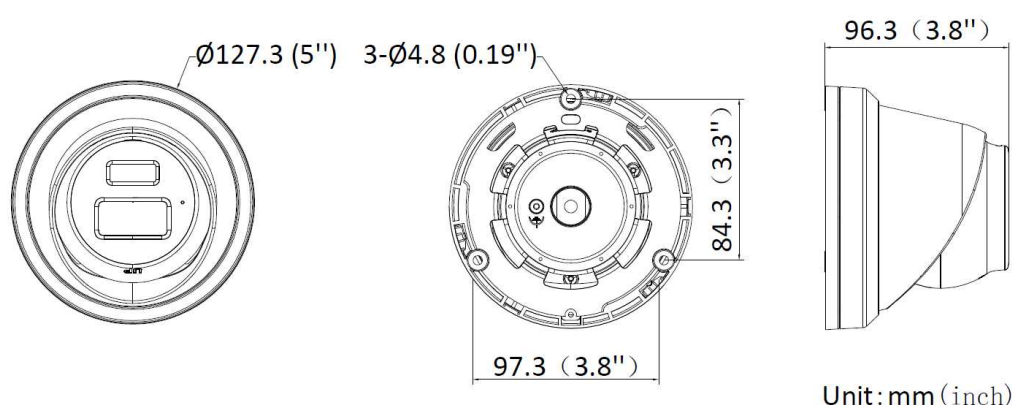| Level | Description |
|---|---|
| Top-level protection | Hilook products at this level are equipped for use in areas where professional anti-corrosion protection is a must. Typical application scenarios include coastlines, docks, chemical plants, and more. |
| Moderate protection | Hilook products 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-T283H-MU (2.8mm)

IPC-T283H-MU (4mm)

IPC-T283H-MU (2.8mm)/Black

## •Dimension

Ø127.3 (5'')    3-Ø4.8 (0.19'')

96.3（3.8''）

84.3（3.3''）

97.3（3.8''）

Unit：mm（inch）

· **Accessory**

· **Optional**

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

**Security**
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