

## IPC-T221HE-UC 2 MP Fixed Turret Network Camera



- High quality imaging with 2 MP resolution
- Easy installation with Power over Ethernet (PoE) technology
- Efficient H.265+ compression technology
- Support person detection
- Water and dust resistant (IP67)
- Clear imaging against strong back light due to digital WDR technology

## ▪ Specification

| Camera                   |                                                                                                                                                       |
|--------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------|
| Image Sensor             | 1/3" Progressive Scan CMOS                                                                                                                            |
| Max. Resolution          | 1920 × 1080                                                                                                                                           |
| Shutter Time             | 1/3 s to 1/100,000 s                                                                                                                                  |
| Min. Illumination        | Color: 0.01 Lux @ (F2.2, AGC ON), B/W: 0 Lux with IR                                                                                                  |
| 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 97°, vertical FOV 54°, diagonal FOV 113°<br>4 mm, horizontal FOV 76°, vertical FOV 42°, diagonal FOV 90°                       |
| Lens Mount               | M12                                                                                                                                                   |
| Iris Type                | Fixed                                                                                                                                                 |
| Aperture                 | F2.2                                                                                                                                                  |
| Depth of Field           | 2.8 mm: 0.8 m to ∞<br>4 mm: 1 m to ∞                                                                                                                  |
| DORI                     |                                                                                                                                                       |
| DORI                     | 2.8 mm, D: 45 m, O: 18 m, R: 9 m, I: 4 m<br>4 mm, D: 57 m, O: 22 m, R: 11 m, I: 5 m                                                                   |
| Illuminator              |                                                                                                                                                       |
| Supplement Light Type    | IR                                                                                                                                                    |
| Supplement Light Range   | Up to 20 m                                                                                                                                            |
| Smart Supplement Light   | Yes                                                                                                                                                   |
| IR Wavelength            | 850 nm                                                                                                                                                |
| Video                    |                                                                                                                                                       |
| Main Stream              | 50 Hz: 25 fps (1920 × 1080, 1280 × 720)<br>60 Hz: 30 fps (1920 × 1080, 1280 × 720)                                                                    |
| Sub-Stream               | 50 Hz: 25 fps (640 × 480, 640 × 360)<br>60 Hz: 30 fps (640 × 480, 640 × 360)                                                                          |
| Video Compression        | Main stream: H.265+/H.265/H.264+/H.264,<br>Sub-stream: H.265/H.264                                                                                    |
| Video Bit Rate           | 32 Kbps to 8 Mbps                                                                                                                                     |
| H.264 Type               | Baseline Profile, Main Profile, High Profile                                                                                                          |
| H.265 Type               | Main Profile                                                                                                                                          |
| Bit Rate Control         | CBR, VBR                                                                                                                                              |
| Region of Interest (ROI) | 1 fixed region for main stream                                                                                                                        |
| Network                  |                                                                                                                                                       |
| API                      | ONVIF (Profile S, Profile T), ISAPI, SDK                                                                                                              |
| Security                 | Password protection, complicated password, watermark, basic and digest authentication for HTTP, security audit log, host authentication (MAC address) |
| Simultaneous Live View   | Up to 6 channels                                                                                                                                      |
| Protocols                | TCP/IP, ICMP, DHCP, DNS, HTTP, RTP, RTCP, RTSP, NTP, IGMP, IPv4, UDP, QoS                                                                             |
| User/Host                | Up to 32 users<br>3 user levels: administrator, operator, and user                                                                                    |
| Client                   | iVMS-4200, HiLookVision                                                                                                                               |

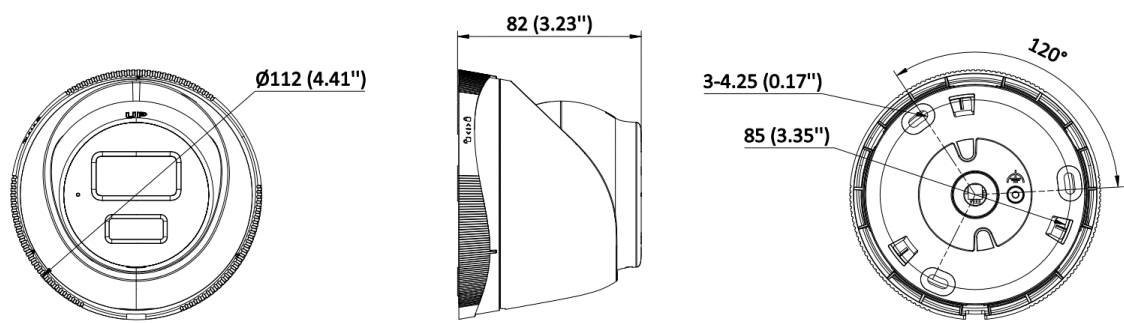
|                                  |                                                                                                                          |
|----------------------------------|--------------------------------------------------------------------------------------------------------------------------|
| Web Browser                      | Local service: Local service: Chrome 80+, Firefox 80+, Edge 89+, Safari 13+                                              |
| <b>Image</b>                     |                                                                                                                          |
| Wide Dynamic Range (WDR)         | Digital WDR                                                                                                              |
| SNR                              | ≥ 52 dB                                                                                                                  |
| Privacy Mask                     | 1 programmable polygon privacy mask                                                                                      |
| Day/Night Switch                 | Day,Night,Auto,Schedule                                                                                                  |
| Image Enhancement                | BLC,HLC,3D DNR                                                                                                           |
| Image Settings                   | Saturation,brightness,contrast,sharpness,gain,white balance,adjustable by client software or web browser                 |
| <b>Interface</b>                 |                                                                                                                          |
| Ethernet Interface               | 1 RJ45 10 M/100 M self-adaptive Ethernet port                                                                            |
| Built-in Microphone              | Yes,1 built-in microphone                                                                                                |
| <b>Event</b>                     |                                                                                                                          |
| Basic Event                      | Motion detection,exception                                                                                               |
| Linkage                          | Notify surveillance center                                                                                               |
| <b>General</b>                   |                                                                                                                          |
| Power                            | PoE: IEEE 802.3af, Class 0, max. 6.5 W                                                                                   |
| Material                         | Plastic                                                                                                                  |
| Dimension                        | Ø112 mm × 82 mm (Ø4.4" × 3.2")                                                                                           |
| Package Dimension                | 134 mm × 134 mm × 108 mm (5.3" × 5.3" × 4.3")                                                                            |
| Weight                           | Approx. 265 g (0.6 lb.)                                                                                                  |
| With Package Weight              | Approx. 395 g (0.9 lb.)                                                                                                  |
| Storage Conditions               | -30 °C to 45 °C (-22 °F to 113 °F). Humidity 95% or less (non-condensing)                                                |
| Startup and Operating Conditions | -30 °C to 45 °C (-22 °F to 113 °F). Humidity 95% or less (non-condensing)                                                |
| Language                         | English, Ukrainian                                                                                                       |
| General Function                 | Heartbeat,anti-banding,mirror,password protection,password reset via email                                               |
| <b>Approval</b>                  |                                                                                                                          |
| 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 |
| 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                                                                                                     |

## ▪ Available Model

IPC-T221HE-UC(2.8mm)

IPC-T221HE-UC(4mm)

## ▪ Dimension



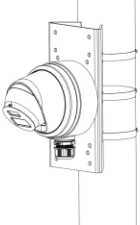
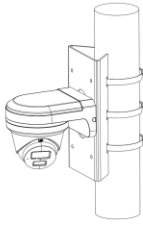
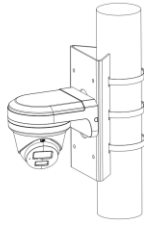
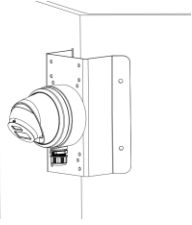
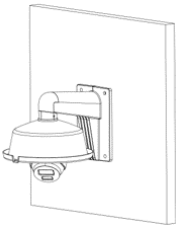
Unit:mm (inch)

▪ Accessory

▪ Optional

| DS-1271ZJ-110-TRS | DS-1275ZJ-SUS    | DS-1276ZJ-SUS     | DS-1280ZJ-TR13   | DS-1275ZJ-S-SUS |
|-------------------|------------------|-------------------|------------------|-----------------|
|                   |                  |                   |                  |                 |
| DS-1475ZJ-SUS     | DS-220AZJ-130-WA | DS-1272ZJ-110-TRS | DS-220AZJ-145-WA | DS-1476ZJ-SUS   |
|                   |                  |                   |                  |                 |
| DS-1280ZJ-S       | DS-1281ZJ-S      |                   |                  |                 |
|                   |                  |                   |                  |                 |

▪ Installation Methods

|                                                                                     |                                                                                     |                                                                                    |                                                                                      |                                                                                      |
|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|
| <b>Pendant Mounting</b><br>DS-1271ZJ-110-TRS                                        | <b>Vertical Pole Mounting</b><br>DS-1275ZJ-SUS+DS-1280ZJ-TR13_V100R001 C001         | <b>Vertical Pole Mounting</b><br>DS-1275ZJ-S-SUS+DS-220AZJ-145-WA                  | <b>Vertical Pole Mounting</b><br>DS-1475ZJ-SUS+DS-220AZJ-130-WA                      | <b>Corner Mounting</b><br>DS-1276ZJ-SUS+DS-1280ZJ-TR13_V100R001 C001                 |
|    |    |   |    |   |
| <b>Corner Mounting</b><br>DS-1476ZJ-SUS+DS-220AZJ-145-WA                            | <b>Junction Box</b><br>DS-1280ZJ-TR13                                               | <b>Junction Box</b><br>DS-1280ZJ-S                                                 | <b>Wall Mounting</b><br>DS-220AZJ-130-WA                                             | <b>Wall Mounting</b><br>DS-1272ZJ-110-TRS+D S-1253ZJ-M                               |
|   |   |  |  |  |
| <b>Wall Mounting</b><br>DS-220AZJ-145-WA                                            | <b>Inclined Ceiling Mounting</b><br>DS-1281ZJ-S                                     |                                                                                    |                                                                                      |                                                                                      |
|  |  |                                                                                    |                                                                                      |                                                                                      |

# See Far, Go Further



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# HiLook