

HWI-T240H

4.0 MP CMOS Network Turret Camera



### Key Features

- 1/3" progressive scan CMOS
- 2560 × 1440@20fps
- 2.8 mm/4 mm fixed lens
- H.265+, H.265, H.264+, H.264
- Dual stream
- Digital WDR (Wide Dynamic Range)
- 3D DNR (Digital Noise Reduction)
- Up to 30 m IR range
- PoE (Power over Ethernet)
- IP 67



## Specification

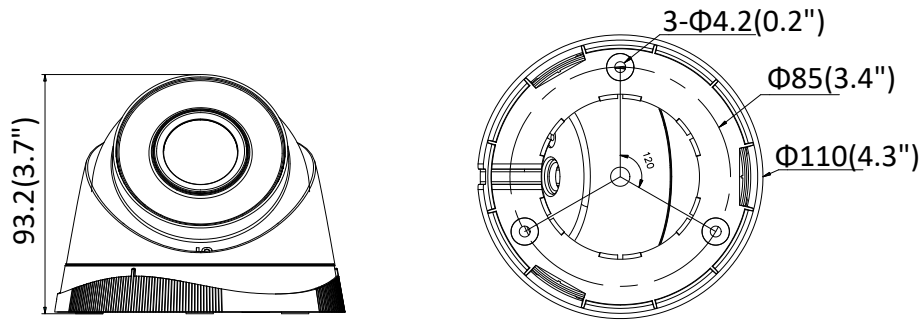
| <b>Camera</b>                  |                                                                                                                                                    |
|--------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------|
| Image Sensor                   | 1/3" progressive scan CMOS                                                                                                                         |
| Min. Illumination              | Color: 0.01 Lux @(F1.2, AGC ON), 0.028Lux @(F2.0, AGC ON)                                                                                          |
| Shutter Speed                  | 1/3 s to 1/100, 000 s, support slow shutter                                                                                                        |
| Slow Shutter                   | Yes                                                                                                                                                |
| Auto-Iris                      | No                                                                                                                                                 |
| Day & Night                    | IR cut filter                                                                                                                                      |
| Digital Noise Reduction        | 3D DNR                                                                                                                                             |
| WDR                            | Digital WDR                                                                                                                                        |
| Angle Adjustment               | Pan: 0° to 360°, tilt: 0° to 75°, rotation: 0° to 360°                                                                                             |
| <b>Lens</b>                    |                                                                                                                                                    |
| Focal Length                   | 2.8 mm, 4 mm                                                                                                                                       |
| Aperture                       | F2.0                                                                                                                                               |
| Focus                          | No                                                                                                                                                 |
| FOV                            | 2.8 mm, horizontal FOV 100°, vertical FOV 55°, diagonal FOV 117°<br>4 mm, horizontal FOV 77°, vertical FOV 42°, diagonal FOV 88°                   |
| Lens Mount                     | M12                                                                                                                                                |
| <b>IR</b>                      |                                                                                                                                                    |
| IR Range                       | Up to 30 m                                                                                                                                         |
| Wavelength                     | 850 nm                                                                                                                                             |
| <b>Compression Standard</b>    |                                                                                                                                                    |
| Video Compression              | Main stream: H.265/H.264<br>Sub-stream: H.265/H.264/MJPEG                                                                                          |
| H.264 Type                     | Baseline Profile/Main Profile/High Profile                                                                                                         |
| H.264+                         | Main stream supports                                                                                                                               |
| H.265 Type                     | Main Profile                                                                                                                                       |
| H.265+                         | Main stream supports                                                                                                                               |
| Video Bit Rate                 | 32 Kbps to 8 Mbps                                                                                                                                  |
| <b>Smart Feature-set</b>       |                                                                                                                                                    |
| Region of Interest             | 1 fixed region for main stream and sub-stream                                                                                                      |
| <b>Image</b>                   |                                                                                                                                                    |
| Max. Resolution                | 2560 × 1440                                                                                                                                        |
| Main Stream<br>Max. Frame Rate | 50Hz: 20fps (2560 × 1440), 25fps (2304 × 1296, 1920 × 1080, 1280 × 720)<br>60Hz: 20fps (2560 × 1440), 30fps (2304 × 1296, 1920 × 1080, 1280 × 720) |
| Sub-stream<br>Max. Frame Rate  | 50Hz: 25fps (640 × 480, 640 × 360, 320 × 240)<br>60Hz: 30fps (640 × 480, 640 × 360, 320 × 240)                                                     |
| Image Enhancement              | BLC, 3D DNR                                                                                                                                        |
| Image Settings                 | Saturation, brightness, contrast, sharpness, AGC, white balance adjustable by client software or web browser                                       |
| Day/Night Switch               | Auto, scheduled                                                                                                                                    |
| <b>Network</b>                 |                                                                                                                                                    |
| Network Storage                | NAS (NFS, SMB/CIFS)                                                                                                                                |
| Alarm Trigger                  | Motion detection, video tampering alarm, illegal login                                                                                             |
| Protocols                      | TCP/IP, ICMP, HTTP, HTTPS, FTP, DHCP, DNS, DDNS, RTP, RTSP, RTCP, PPPoE, NTP, UPnP, SMTP, SNMP, IGMP, 802.1X, QoS, IPv6, UDP, Bonjour              |
| General Function               | Anti-flicker, heartbeat, mirror, password protection, privacy mask, watermark, IP address filter                                                   |
| API                            | ONVIF (PROFILE S, PROFILE G), ISAPI                                                                                                                |

|                               |                                                                                                           |
|-------------------------------|-----------------------------------------------------------------------------------------------------------|
| Simultaneous Live View        | Up to 6 channels                                                                                          |
| User/Host                     | Up to 32 users<br>3 levels: Administrator, Operator and User                                              |
| Client                        | iVMS-4200, Hik-Connect, iVMS-5200                                                                         |
| Web Browser                   | IE8+, Chrome 31.0-44, Firefox 30.0-51, Safari 8.0+                                                        |
| <b>Interface</b>              |                                                                                                           |
| Communication Interface       | 1 RJ45 10M/100M self-adaptive Ethernet port                                                               |
| <b>General</b>                |                                                                                                           |
| Operating Conditions          | -30 °C to 50 °C (-22 °F to 122 °F), humidity: 95% or less (non-condensing)                                |
| Power Supply                  | 12 VDC ± 25%, 5.5 mm coaxial power plug<br>PoE (802.3af, class 3)                                         |
| Power Consumption and Current | 12 VDC, 0.5 A, max: 5 W<br>PoE: (802.3af, 36 V to 57 V), 0.2 A to 0.1 A, max: 6.5 W                       |
| Ingress Protection            | IP67                                                                                                      |
| Material                      | Metal & Plastic                                                                                           |
| Dimensions                    | Camera: Ø 110 mm × 93.2 mm (Ø 4.3" × 3.7")<br>With package: 150 mm × 150 mm × 141 mm (5.9" × 5.9" × 5.6") |
| Weight                        | Camera: approx. 350 g (0.77 lb.)<br>With package: approx. 610 g (1.3 lb.)                                 |

## Available Models

HWI-T240H (2.8 mm), HWI-T240H (4 mm)

## Dimension



## Accessory



DS-1272ZJ-110-TRS  
Wall Mounting Bracket



DS-1275ZJ-SUS  
Vertical Pole Mounting Bracket



DS-1280ZJ-S  
Inclined Base Mounting Bracket



DS-1276ZJ-SUS  
Corner Mounting Bracket

Distributed by



**HIKVISION®**  
HiWatch Series

### Headquarters

No.555 Qianmo Road, Binjiang District,  
Hangzhou 310051, China  
T +86-571-8807-5998  
overseasbusiness@hikvision.com

**Hikvision USA**  
T +1-909-895-0400  
sales.usa@hikvision.com

**Hikvision Italy**  
T +39-0438-6902  
info.it@hikvision.com

**Hikvision Singapore**  
T +65-6684-4718  
sg@hikvision.com

**Hikvision Africa**  
T +27 (10) 0351172  
sale.africa@hikvision.com

**Hikvision Europe**  
T +31-23-55-42-770  
info.eu@hikvision.com

**Hikvision France**  
T +33(0)1-85-330-450  
info.fr@hikvision.com

**Hikvision Oceania**  
T +61-2-8599-4233  
salesau@hikvision.com

**Hikvision Hong Kong**  
T +852-2151-1761

**Hikvision Middle East**  
T +971-4-8816086  
salesme@hikvision.com

**Hikvision Spain**  
T +34-91-737-16-55  
info.es@hikvision.com

**Hikvision Canada**  
T +1-909-895-0400  
sales.usa@hikvision.com

**Hikvision Russia**  
T +7-495-669-67-99  
saleru@hikvision.com

**Hikvision Poland**  
T +48-22-460-01-50  
poland@hikvision.com

**Hikvision Korea**  
T +82-31-731-8841  
sales.korea@hikvision.com

**Hikvision India**  
T +91-22-28469900  
sales@pramahikvision.com

**Hikvision UK**  
T +01628-902140  
support.uk@hikvision.com

**Hikvision Brazil**  
T +55 11 3318-0050  
Latam.support@hikvision.com