

IPC-T240H

4.0 MP CMOS Network Turret Camera



## Key Features

- 1/3" progressive scan CMOS
- 2560 × 1440@20fps
- 2.8 mm/4 mm/6 mm fixed lens
- H.265+, H.265, H.264+, H.264
- Dual stream
- 120 dB WDR (Wide Dynamic Range)
- 3D DNR (Digital Noise Reduction)
- Up to 30 m IR range
- PoE (Power over Ethernet)
- IP 67

## Specification

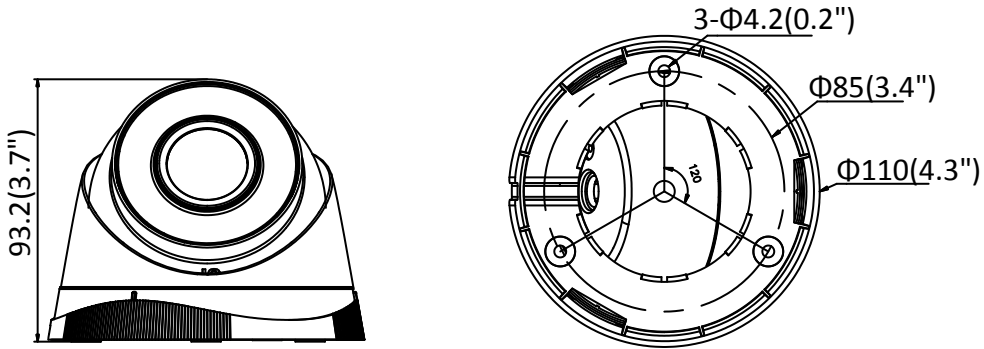
| <b>Camera</b>   |  |
|---|--|
| Image Sensor  | 1/3" progressive scan CMOS   |
| Min. Illumination   | Color: 0.01 Lux @(F1.2, AGC ON), 0.028Lux @ (F2.0, AGC ON)   |
| Shutter Speed   | 1/3 s to 1/100, 000 s  |
| Slow Shutter  | Yes  |
| Auto-Iris   | No   |
| Day & Night   | IR cut filter  |
| Digital Noise Reduction   | 3D DNR   |
| WDR   | 120 dB   |
| Angle Adjustment  | Pan: 0° to 360°, tilt: 0° to 75°, rotation: 0° to 360°   |
| <b>Lens</b>   |  |
| Focal Length  | 2.8 mm, 4 mm, 6 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°<br>6 mm, horizontal FOV 51°, vertical FOV 28°, diagonal FOV 58° |
| 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  |
| * Note: The frame rate of the sub-stream cannot exceed the maximum frame rate of the current main stream. |  |
| <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<br>05050320200110  |

|                               |   |
|-------------------------------|---|
| General Function              | Anti-flicker, heartbeat, mirror, password protection, privacy mask, watermark, IP address filter          |
| Firmware Version              | 5.5.3   |
| 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                        | HiLookVision PC Client, HiLookVision App  |
| Web Browser                   | IE8+, Chrome 41.0-44, Firefox 30.0-51, Safari 8.0-11  |
| <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, 0.4 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<br>TVS 2000V lightning protection, surge protection and voltage transient protection                 |
| 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 (0.8 lb.)<br>With package: approx. 610 g (1.3 lb.)                                  |

## Available Models

IPC-T240H (2.8 mm), IPC-T240H (4 mm), IPC-T240H (6 mm)

## Dimensions



Unit:mm(inch)

## Accessories



HIA-B401-110T  
Wall Mounting Bracket



HIA-B301  
Vertical Pole Mounting Bracket



HIA-J102  
Junction Box



HIA-B201  
Corner Mounting Bracket