

IPC-T220H-F 2.0 MP IR Network Turret Camera



Key Features

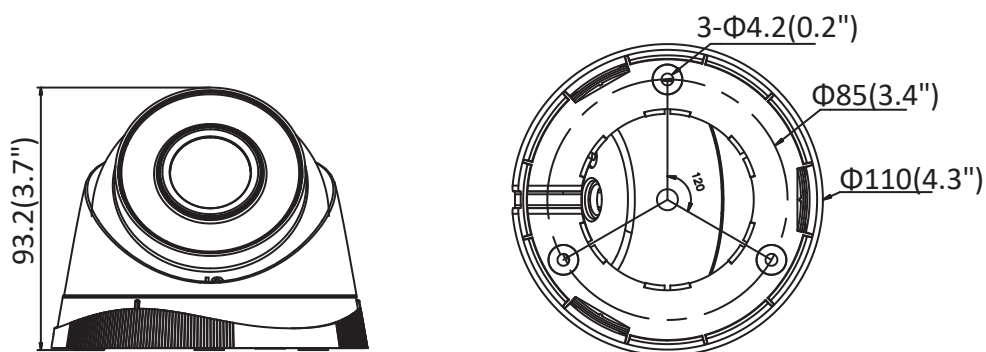
- 1/2.8" progressive scan CMOS
- 1920 × 1080@30fps
- 2.8 mm/4 mm/6 mm fixed lens
- H.265+, H.265, H.264+, H.264
- Dual stream
- Digital WDR (Wide Dynamic Range)
- 3D DNR (Digital Noise Reduction)
- Up to 30 m IR range
- PoE (Power over Ethernet)
- IP67

Specifications

| Camera | |
|--------------------------------|---|
| Image Sensor | 1/2.8" 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 | Digital WDR |
| Angle Adjustment | Pan: 0° to 360°, tilt: 0° to 75°, rotation: 0° to 360° |
| Lens | |
| Focal Length | 2.8 mm, 4 mm, 6 mm |
| Aperture | F2.0 |
| Focus | No |
| FOV | 2.8 mm, horizontal FOV 114.5°, vertical FOV 62°, diagonal FOV 135.5° 4 mm, horizontal FOV 86°, vertical FOV 46°, diagonal FOV 102° 6 mm, horizontal FOV 54°, vertical FOV 30°, diagonal FOV 62° |
| Lens Mount | M12 |
| IR | |
| IR Range | Up to 30 m |
| Wavelength | 850 nm |
| Compression Standard | |
| Video Compression | Main stream: H.265/H.264 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 |
| Smart Feature-set | |
| Region of Interest | 1 fixed region for main stream and sub-stream |
| Image | |
| Max. Resolution | 1920 × 1080 |
| Main Stream Max. Frame Rate | 50Hz: 25fps (1920 × 1080, 1280 × 960, 1280 × 720) 60Hz: 30fps (1920 × 1080, 1280 × 960, 1280 × 720) |
| Sub-stream Max. Frame Rate | 50Hz: 25fps (640 × 480, 640 × 360, 320 × 240) 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 |
| Network | |
| Alarm Trigger | Motion detection, video tampering alarm, illegal login |
| Protocols | TCP/IP, ICMP, HTTP, HTTPS, FTP, DHCP, DNS, DDNS, RTP, RTSP, RTCP, NTP, UPnP, SMTP, IGMP, 802.1X, QoS, IPv6, UDP, Bonjour |
| General Function | Anti-flicker, heartbeat, mirror, password protection, privacy mask, watermark |
| Firmware Version | 5.5.2 |

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|-------------------------------|--|
| API | ONVIF (PROFILE S, PROFILE G), ISAPI |
| Simultaneous Live View | Up to 6 channels |
| User/Host | Up to 32 users 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 |
| Interface | |
| Communication Interface | 1 RJ45 10M/100M self-adaptive Ethernet port |
| General | |
| 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 PoE (802.3af, class 3) |
| Power Consumption and Current | 12 VDC, 0.4 A, max: 5 W 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: \varnothing 110 mm \times 93.2 mm (\varnothing 4.3" \times 3.7") With package: 150 mm \times 150 mm \times 141 mm (5.9" \times 5.9" \times 5.6") |
| Weight | Camera: approx. 360 g (0.8 lb.) With package: approx. 610 g (1.3 lb.) |

Dimensions



Unit:mm(inch)