

# 5MP HD Intelligent Light and Audible Warning Fixed Eyeball Network Camera

IPC-T1P5-AF28KC-B



## Key Features

- High quality image with 5MP, 1/2.7" CMOS sensor
- 5MP(2880\*1620)@30/25fps; 4MP(2560\*1440)@30/25fps; 3MP(2304\*1296)@30/25fps; 2MP(1920\*1080)@30/25fps
- Ultra 265, H.265, H.264, MJPEG
- Smart intrusion prevention, include cross line, intrusion, enter area, leave area detection
- Based on target classification, smart intrusion prevention significantly reduce false alarm caused by leaves, birds and lights etc., accurately focus on human and, motor vehicle and non-motor vehicle
- Supports sound and light alarm linkage. When Smart intrusion prevention is triggered, the camera links sound alarm and light linkage.
- 120dB true WDR technology enables clear image in strong light scene
- Support 9:16 Corridor Mode
- Built-in Mic and Speaker
- Smart IR, up to 30m (98ft) IR distance
- Supports 256 G Micro SD card
- IP67 protection
- Support PoE power supply

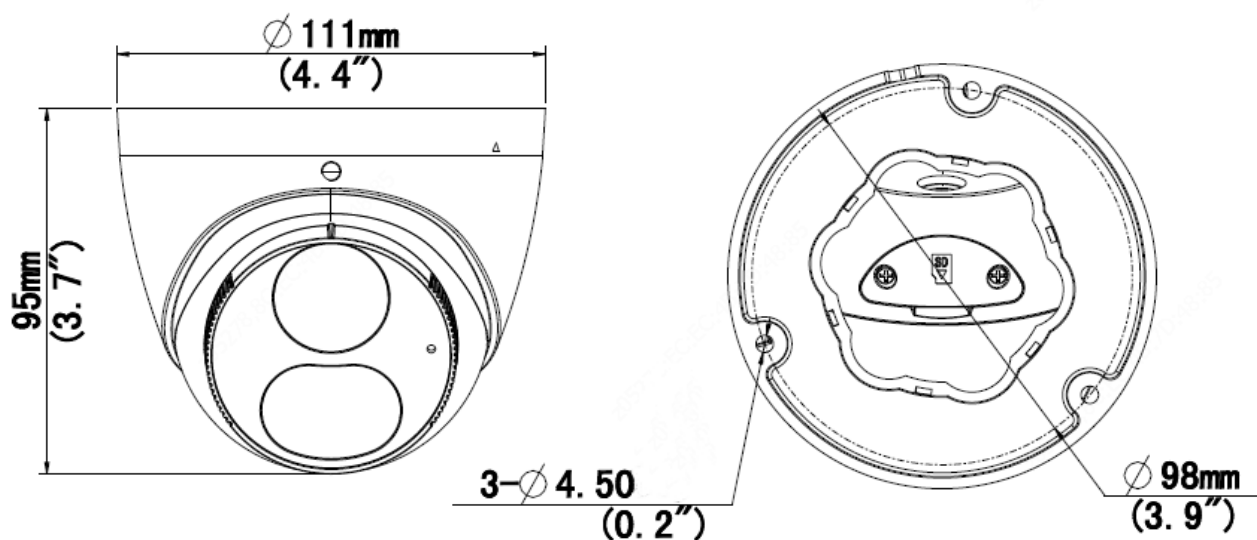
## Specifications

|                         |   |                |            |                   |             |
|-------------------------|---|----------------|------------|-------------------|-------------|
| IPC-T1P5-AF28KC-B       |   |                |            |                   |             |
| <b>Camera</b>           |   |                |            |                   |             |
| Sensor                  | 1/2.7", 5.0 megapixel, progressive scan, CMOS   |                |            |                   |             |
| Minimum Illumination    | Colour: 0.003Lux (F1.6, AGC ON)<br>0Lux with IR on  |                |            |                   |             |
| Day/Night               | IR-cut filter with auto switch (ICR)  |                |            |                   |             |
| Shutter                 | Auto/Manual, 1 ~ 1/100000s  |                |            |                   |             |
| Adjustment angle        | Pan: 0° ~ 360°  | Tilt: 0° ~ 90° |            | Rotate: 0° ~ 360° |             |
| WDR                     | 120dB   |                |            |                   |             |
| S/N                     | >56dB   |                |            |                   |             |
| <b>Lens</b>             |   |                |            |                   |             |
| Lens                    | 2.8mm@F1.6  |                |            |                   |             |
| Angle of View (H)       | 101.1°  |                |            |                   |             |
| Angle of View (V)       | 55.3°   |                |            |                   |             |
| Angle of View (O)       | 111.1°  |                |            |                   |             |
| <b>DORI</b>             |   |                |            |                   |             |
| DORI Distance           | Lens  | Detect(m)      | Observe(m) | Recognize(m)      | Identify(m) |
|                         | 2.8mm   | 63.0           | 25.2       | 12.6              | 6.3         |
| <b>Illuminator</b>      |   |                |            |                   |             |
| IR Range                | Up to 30m (98ft) IR range   |                |            |                   |             |
| Wavelength              | 850nm   |                |            |                   |             |
| IR On/Off Control       | Auto/Manual   |                |            |                   |             |
| <b>Video</b>            |   |                |            |                   |             |
| Video Compression       | Ultra 265,H.265, H.264, MJPEG   |                |            |                   |             |
| H.264 code profile      | Baseline profile, Main Profile  |                |            |                   |             |
| Frame Rate              | Main Stream:5MP (2880*1620), Max 30fps; 4MP (2560*1440), Max 30fps; 3MP (2304*1296), Max 30fps; 1080P (1920*1080), Max 30fps;<br>Sub Stream: 720P (1280*720), Max 30fps; D1 (720*576), Max 30fps; 640*360,Max 30fps; 2CIF (704*288), Max 30fps; CIF (352*288), Max 30fps;<br>Third Stream: D1 (720*576), Max 30fps; 640*360,Max 30fps; 2CIF (704*288), Max 30fps; CIF (352*288), Max 30fps; |                |            |                   |             |
| Video Bit Rate          | 128 Kbps~16 Mbps  |                |            |                   |             |
| U-code                  | Supported   |                |            |                   |             |
| ROI                     | Up to 8 areas   |                |            |                   |             |
| Video Stream            | Triple streams  |                |            |                   |             |
| OSD                     | Up to 8 OSDs  |                |            |                   |             |
| Privacy Mask            | Up to 4 areas   |                |            |                   |             |
| <b>Image</b>            |   |                |            |                   |             |
| White Balance           | Auto/Outdoor/Fine Tune/Sodium Lamp/Locked/Auto2   |                |            |                   |             |
| Image Setting           | Image rotation, brightness, saturation, contrast, sharpness, gain adjustable by web browser   |                |            |                   |             |
| Digital noise reduction | 2D/3D DNR   |                |            |                   |             |
| Smart IR                | Supported   |                |            |                   |             |
| Flip                    | Normal/Vertical/Horizontal/180°/90°Clockwise/90°Anti-clockwise  |                |            |                   |             |

|                            |  |
|----------------------------|--|
| Dewarping                  | N/A  |
| HLC                        | Supported  |
| BLC                        | Supported  |
| Defog                      | Digital Defog  |
| <b>Intelligent</b>         |  |
| Smart intrusion Prevention | Support false alarm filtering: Line crossing detection, Intrusion detection, Region entrance detection, Region exit detection  |
| <b>Events</b>              |  |
| Basic Detection            | Motion detection, tampering alarm, audio detection   |
| General Function           | Watermark, IP address filtering, tampering alarm, access policy, ARP protection, RTSP authentication, user authentication  |
| <b>Audio</b>               |  |
| Audio Compression          | G.711  |
| Audio Bitrate              | 64 Kbps  |
| Two-way Audio              | Supported  |
| Suppression                | Supported  |
| Sampling Rate              | 8 KHZ  |
| <b>Storage</b>             |  |
| Edge Storage               | Micro SD, up to 256 GB   |
| Network Storage            | ANR, NAS(NFS)  |
| <b>Network</b>             |  |
| Protocols                  | IPv4, IGMP, ICMP, ARP, TCP, UDP, DHCP, PPPoE, RTP, RTSP, RTCP, DNS, DDNS, NTP, FTP, UPnP, HTTP, HTTPS, SMTP, 802.1x, SNMP, QoS ,RTMP,SSL/TLS, SSH  |
| Compatible Integration     | ONVIF (Profile S, Profile G, Profile T), API,SDK   |
| User/Host                  | Up to 32 users. 2 user levels: administrator and common user   |
| Security                   | Password protection, Strong password, HTTPS encryption, Export operation logs, Basic and digest authentication for RTSP, Digest authentication for HTTP, TLS 1.2, WSSE and digest authentication for ONVIF |
| Web Browser                | Plug-in required live view: IE9+, Chrome 41 and below, Firefox 52 and below  |
|                            | Plug-in free live view: Chrome 57.0+, Firefox 58.0+, Edge 16+  |
| <b>Interface</b>           |  |
| Audio I/O                  | N/A  |
| Alarm I/O                  | N/A  |
| RS485                      | N/A  |
| Built-in Mic               | Supported  |
| Built-in Speaker           | Supported  |
| WIFI                       | N/A  |
| Network                    | 1 RJ45 10M/100M Base-TX Ethernet   |
| Video Output               | N/A  |
| <b>General</b>             |  |
| Power                      | DC 12V ± 25%, PoE (IEEE802.3 af)   |
|                            | Power consumption: Max 7.5 W   |
| Power Interface            | ∅ 5.5mm coaxial power plug   |
| Dimensions (∅ x H )        | ∅ 111 x 95mm (∅4.4" x 3.7")  |
| Weight                     | 0.43kg (0.948lb)   |

|                     |  |
|---------------------|--|
| Material            | Metal  |
| Working Environment | -30°C ~ 55°C (-22°F ~ 131°F), Humidity: ≤95% RH (non-condensing) |
| Storage Environment | -30°C ~ 55°C (-22°F ~ 131°F), Humidity: ≤95% RH (non-condensing) |
| Surge Protection    | 4KV  |
| Reset Button        | N/A  |
| Protection          | Ingression protection: IP67                                      |

## Dimensions



## Accessories

TR-JB03-G-IN-BLACK



TR-WM03-D-IN-BLACK



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\*Product specifications and availability are subject to change without notice.