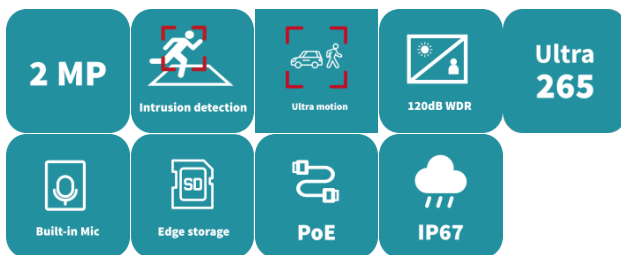


## 2MP WDR VF IR Turret Network Camera

### IPC-T312-ADZK



## Features

- High quality image with 1080P, 1/2.7" CMOS sensor
- 1080P (1920 × 1080)@30/25 fps; 720P (1280 × 720)@30/25 fps
- Ultra 265, H.265, H.264, MJPEG
- 2D/3D DNR (digital noise reduction)
- Support ultra motion detection(human/ vehicle detection)
- ROI (region of interest) ensures image quality in areas of interest with low bandwidth
- Smart IR, up to 30 m (98.4 ft.) IR distance
- 120 dB true WDR technology enables clear image in strong light scene
- Built-in mic
- Wide temperature range: -30 °C to 60 °C (-22 °F to 140 °F)
- DC 12 V, PoE (IEEE 802.3af) power supply
- IP67

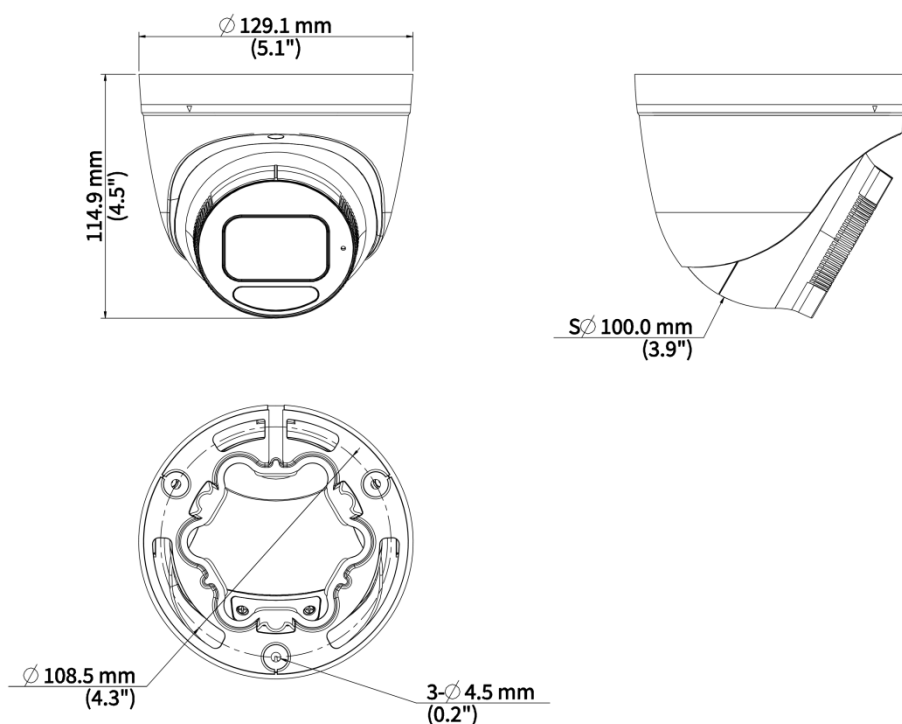
## Specifications

| Model                      | IPC-T312-ADZK                                                                                                                                                                                                                                     |
|----------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Camera                     |                                                                                                                                                                                                                                                   |
| Max Resolution             | 2 MP                                                                                                                                                                                                                                              |
| Sensor                     | 1/2.7" CMOS                                                                                                                                                                                                                                       |
| Min. Illumination          | Color: 0.005 Lux (F1.6, AGC ON), 0 Lux with IR on                                                                                                                                                                                                 |
| Day/Night                  | IR-cut filter with auto switch (ICR)                                                                                                                                                                                                              |
| Shutter                    | Auto/Manual, 1 ~ 1/100000s                                                                                                                                                                                                                        |
| Adjustment Angle           | Pan: 0° to 360°, Tilt: 0° to 75°, Rotate: 0° to 360°                                                                                                                                                                                              |
| S/N                        | >52 dB                                                                                                                                                                                                                                            |
| WDR                        | 120 dB                                                                                                                                                                                                                                            |
| Lens                       |                                                                                                                                                                                                                                                   |
| Focal Length               | 2.8 to 12 mm                                                                                                                                                                                                                                      |
| Iris                       | F1.6                                                                                                                                                                                                                                              |
| Field of View (H)          | 111.0° to 36.6°                                                                                                                                                                                                                                   |
| Field of View (V)          | 59.4° to 20.6°                                                                                                                                                                                                                                    |
| Field of View (D)          | 130.0° to 42.0°                                                                                                                                                                                                                                   |
| DORI                       |                                                                                                                                                                                                                                                   |
| DORI Distance (Lens)       | 2.8 to 12 mm                                                                                                                                                                                                                                      |
| DORI Distance (Detect)     | 42.0 m to 180 m (137.8 ft. to 590.6 ft.)                                                                                                                                                                                                          |
| DORI Distance (Observe)    | 16.8 m to 72.0 m (55.1 ft. to 236.2 ft.)                                                                                                                                                                                                          |
| DORI Distance (Recognize)  | 8.4 m to 36 m (27.6 ft. to 118.1 ft.)                                                                                                                                                                                                             |
| DORI Distance (Identify)   | 4.2 m to 18 m (13.8 ft. to 59.1 ft.)                                                                                                                                                                                                              |
| Illuminator                |                                                                                                                                                                                                                                                   |
| Supplemental Light         | IR                                                                                                                                                                                                                                                |
| Illumination Distance (IR) | 30 m (98.4 ft.)                                                                                                                                                                                                                                   |
| Wavelength                 | 850 nm                                                                                                                                                                                                                                            |
| IR On/Off Control          | Auto/Manual                                                                                                                                                                                                                                       |
| Video                      |                                                                                                                                                                                                                                                   |
| Video Compression          | H.265, H.264, MJPEG, Ultra 265                                                                                                                                                                                                                    |
| H.264 Code Profile         | Baseline profile, Main profile, High profile                                                                                                                                                                                                      |
| Frame Rate                 | Main Stream: 1080P (1920 × 1080), max. 30 fps; 720P (1280 × 720), max. 30 fps<br>Sub Stream: 720P (1280 × 720), max. 30 fps; D1 (720 × 576), max. 30 fps; 640 × 360, max. 30 fps;<br>2CIF (704 × 288), max. 30 fps; CIF (352 × 288), max. 30 fps; |
| Video Bit Rate             | 128 Kbps to 6144 Kbps                                                                                                                                                                                                                             |
| U-code                     | Support                                                                                                                                                                                                                                           |
| OSD                        | Up to 4 OSDs                                                                                                                                                                                                                                      |
| Privacy Mask               | Up to 4 areas                                                                                                                                                                                                                                     |
| ROI                        | Up to 8 areas                                                                                                                                                                                                                                     |
| Video Stream               | Dual streams                                                                                                                                                                                                                                      |
| Image                      |                                                                                                                                                                                                                                                   |

|                         |                                                                                                                                                                 |
|-------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------|
| White Balance           | Auto, Outdoor, Fine tune, Sodium lamp, Locked, Auto2                                                                                                            |
| Smart IR                | Support                                                                                                                                                         |
| Digital Noise Reduction | 2D/3D DNR                                                                                                                                                       |
| Flip                    | Normal, Flip vertical, Flip horizontal, 180°, 90° Clockwise, 90° Anti-clockwise                                                                                 |
| Dewarping               | N/A                                                                                                                                                             |
| HLC                     | Support                                                                                                                                                         |
| BLC                     | Support                                                                                                                                                         |
| Defog                   | Digital defog                                                                                                                                                   |
| Events                  |                                                                                                                                                                 |
| Basic Detection         | Motion detection, Tampering alarm, Audio detection, Cross line, Intrusion (based on human body detection), Ultra motion detection (human/ vehicle detection)    |
| General Function        | Watermark, IP address filtering, Access policy, ARP protection, RTSP authentication, User authentication, HTTP authentication                                   |
| Audio                   |                                                                                                                                                                 |
| Audio Compression       | G.711U, G.711A                                                                                                                                                  |
| Audio Bitrate           | 64 Kbps                                                                                                                                                         |
| Two-way Audio           | N/A                                                                                                                                                             |
| Suppression             | Support                                                                                                                                                         |
| Sampling Rate           | 8 kHz                                                                                                                                                           |
| Storage                 |                                                                                                                                                                 |
| Edge Storage            | MicroSD, up to 512 GB                                                                                                                                           |
| Network Storage         | ANR, NAS (NFS)                                                                                                                                                  |
| Network                 |                                                                                                                                                                 |
| Protocols               | IPv4, IGMP, ICMP, ARP, TCP, UDP, DHCP, RTP, RTSP, RTCP, RTMP, DNS, DDNS, NTP, FTP, UPnP, HTTP, HTTPS, SMTP, SSL/TLS, QoS, SNMP, IPv6                            |
| Compatible Integration  | ONVIF (Profile S, Profile G, Profile T), API, SDK                                                                                                               |
| User/Host               | Up to 32 users. 3 user levels: administrator, common user and operator                                                                                          |
| Client                  | Uniarch client, Uniarch Care                                                                                                                                    |
| Web Browser             | Plug-in required live view: IE 10+, Chrome 45+, Firefox 52+, Edge 79+, Plug-in free live view: Chrome 57.0 and above, Firefox 58.0 and above, Edge 16 and above |
| Interface               |                                                                                                                                                                 |
| Audio I/O               | N/A                                                                                                                                                             |
| Alarm I/O               | N/A                                                                                                                                                             |
| Built-in Mic            | Support                                                                                                                                                         |
| Built-in Speaker        | N/A                                                                                                                                                             |
| WIFI                    | N/A                                                                                                                                                             |
| Network                 | 1 × RJ45 10 M/100 M Base-TX Ethernet                                                                                                                            |
| Video Output            | N/A                                                                                                                                                             |
| Certification           |                                                                                                                                                                 |
| EMC                     | CE-EMC (EN 55032, EN 61000-3-3, EN IEC 61000-3-2, EN 55035)<br>FCC (FCC 47 CFR part15 B)                                                                        |
| Safety                  | CE-LVD (EN 62368-1)                                                                                                                                             |
| Environment             | CE-RoHS (2011/65/EU ; (EU) 2015/863) ; WEEE (2012/19/EU)                                                                                                        |

|                     |                                                                         |
|---------------------|-------------------------------------------------------------------------|
| Protection          | IP67 (IEC 60529)                                                        |
| General             |                                                                         |
| Power               | DC 12 V $\pm$ 25%, PoE (IEEE 802.3af)<br>Power consumption: Max. 7.5 W  |
| Power Interface     | Ø5.5 mm coaxial power plug                                              |
| Dimensions          | Ø129 mm × 110 mm (Ø5.1" × 4.3") (Ø × H)                                 |
| Weight              | 0.66 kg (1.46 lb.)                                                      |
| Material            | Metal                                                                   |
| Storage Environment | -30 °C to 60 °C (-22 °F to 140 °F), Humidity: ≤ 95% RH (non-condensing) |
| Working Environment | -30 °C to 60 °C (-22 °F to 140 °F), Humidity: ≤ 95% RH (non-condensing) |
| Surge Protection    | 4 KV                                                                    |
| Reset Button        | Support                                                                 |

## Dimensions



## Accessories

|                                                                                               |                                                                                                         |                                                                                       |
|-----------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
| <b>TR-JB03-H-IN-V2</b><br>Junction Box for Metal Turret<br>Camera(Support wiring from behind) | <b>TR-JB07/WM03-F-IN-V2</b><br>Wall Mounting Assembling Bracket with<br>Back Hole for 3 Inch Hemisphere | <b>TR-WM03-B-IN-V2</b><br>Wall Mounting Assembling Bracket for 3<br>Inch Hemisphere   |
|              |                        |    |
| <b>TR-CM24-IN</b><br>Dome Pendant Mounting Bracket(Indoor)                                    | <b>TR-UC08-C-V2</b><br>Bullet&Dome Corner Mounting Bracket                                              | <b>TR-UP06-C-IN-V2</b><br>Pole Mounting Bracket for Bullet Junction<br>Box Only       |
|              |                        |    |
| <b>TR-SE24-A-IN</b><br>Dome Pendant Mounting Pole 500mm                                       | <b>TR-SE24-IN</b><br>Dome Pendant Mounting Pole 200mm                                                   | <b>TR-A01-IN</b><br>NPT 3/4" Waterproof Cable Gland                                   |
|            |                      |  |
| <b>TR-JB03-J-IN</b><br>Junction Box for Metal Turret<br>Camera(Support wiring from behind)    |                                                                                                         |                                                                                       |
|            |                                                                                                         |                                                                                       |

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