

2MP HD Intelligent Light and Audible Warning Fixed Mini Dome Camera

IPC312SB-ADF28KMC-DL-I1



| | | | | |
|-------------------|----------------------|-------------------------------|-----------------------------------|---|
| 2 MP | Wise-ISP | Ultra motion detection | Smart intrusion prevention | Face capture |
| 130 dB WDR | Two-way audio | IP67 | IK10 | NDAa COMPLIANT NDAa Compliant |

Features

- High quality image with 2MP, 1/2.8" CMOS sensor
- 1080P (1920 × 1080)@30/25 fps; 720P (1280 × 720)@30/25 fps
- Ultra 265, H.265, H.264, MJPEG
- Colorhunter with Wise ISP technology ensures 24 hour full color images
- Intelligent perimeter protection, include cross line, intrusion, enter area, leave area detection
- Intelligent Intrusion Prevention System based on target classification significantly reduces false alarms caused by leaves, birds, and lighting, accurately focusing on humans, vehicles, and non motorized vehicles
- Intelligent People Flow Counting and Crowd Density Monitoring
- 130dB true WDR technology enables clear image in strong light scene
- Support 9:16 Corridor Mode
- Alarm I/O: 1/1, audio I/O: 1/1
- Built in dual mic and speaker
- Smart IR, up to 30 m (98.4 ft) IR distance
- White light, up to 30 m (98.4 ft) warm light distance
- Supports 512 G Micro SD card
- IK10 vandal resistant
- IP67 protection

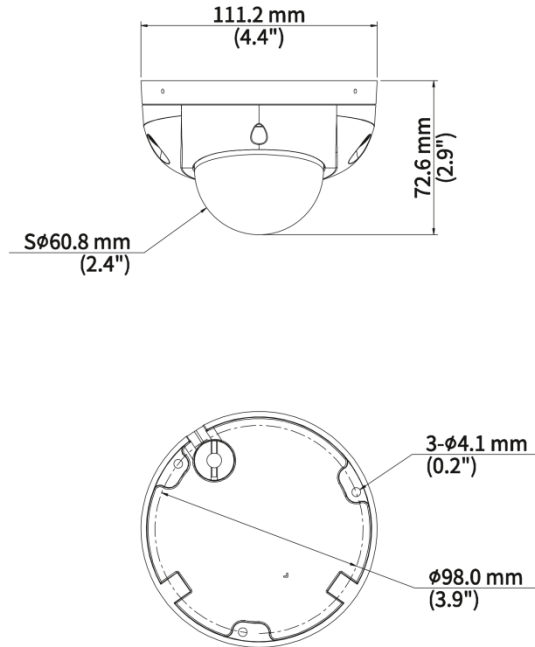
Specifications

| Model | IPC312SB-ADF28KMC-DL-I1 |
|------------------------------------|--|
| Camera | |
| Max Resolution | 2 MP |
| Sensor | 1/2.8" CMOS |
| Min. Illumination | Color: 0.001 Lux (F1.6, AGC ON), 0 Lux with light |
| Day/Night | IR-cut filter with auto switch (ICR) |
| Shutter | Auto/Manual, 1 to 1/100000 s |
| Adjustment Angle | Pan:-48° to 48°, Tilt: 0° to 80°, Rotate: 0° to 360° |
| S/N | > 56 dB |
| WDR | 130 dB |
| Lens | |
| Focal Length | 2.8 mm |
| Iris Type | Fixed |
| Iris | F1.6 |
| Field of View (H) | 100.3 ° |
| Field of View (V) | 56.0 ° |
| Field of View (D) | 116.4 ° |
| Lens Type | Fixed |
| DORI | |
| DORI Distance (Lens) | 2.8 mm |
| DORI Distance (Detect) | 29.0 m (95.0 ft.) |
| DORI Distance (Observe) | 14.5 m (47.5 ft.) |
| DORI Distance (Recognize) | 7.0 m (22.8 ft.) |
| DORI Distance (Identify) | 4.3 m (14.3 ft.) |
| Illuminator | |
| Supplemental Light | Dual light |
| Illumination Distance (IR) | 30 m (98.4 ft.) |
| Illumination Distance (Warm Light) | 30 m (98.4 ft.) |
| IR On/Off Control | Auto/Manual |
| Wavelength | 850 nm |
| Light On/Off Control | Auto/Manual |
| Video | |
| Video Compression | Ultra 265, H.265, H.264, MJPEG |
| 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; |
| Frame Rate-Sub Stream | 720P (1280 × 720), max. 30 fps; D1 (720 × 576), max. 30 fps; 640 × 360, max. 30 fps; 2CIF (704 × 288), max. 30 fps; CIF (352 × 288), max. 30 fps |
| Frame Rate-Third Stream | D1 (720 × 576), max. 30 fps; 640 × 360, max. 30 fps; 2CIF (704 × 288), max. 30 fps; CIF (352 × 288), max. 30 fps |
| Video Bit Rate | 128 Kbps to 16 Mbps |





| | |
|----------------------------|--|
| U-code | Support |
| OSD | Up to 8 OSDs |
| Privacy Mask | Up to 4 areas |
| ROI | Support |
| Video Stream | Triple streams |
| Image | |
| White Balance | Auto, Outdoor, Fine tune, Sodium lamp, Locked, Auto2, Area white balance |
| Digital Noise Reduction | 2D/3D DNR |
| Smart IR | Support |
| Flip | Normal, Flip vertical, Flip horizontal, 180°, 90° Clockwise, 90° Anti-clockwise |
| Dewarping | Support |
| HLC | Support |
| BLC | Support |
| Defog | Digital defog |
| Intelligent | |
| Smart Intrusion Prevention | Cross line detection, intrusion detection, enter area detection, leave area detection (support false alarm filtering and the classification of human, non-motor vehicle and vehicle) |
| Statistical Analysis | N/A |
| People Counting | Support people flow counting and crowd density detection |
| Events | |
| Basic Detection | Motion detection, Ultra motion detection, Tampering alarm, Audio detection |
| General Function | Watermark, IP address filtering, Access policy, ARP protection, RTSP authentication, User authentication, HTTP authentication, Alarm input, Alarm output |
| Audio | |
| Audio Compression | G.711U, G.711A, AAC-LC |
| Audio Bitrate | G.711U/G.711A: 64 kbps, AAC-LC: 128 kbps |
| Two-way Audio | Support |
| Suppression | Support |
| Sampling Rate | G.711U/G.711A: 8 kHz, AAC-LC: 8 kHz, 16 kHz, 48 kHz |
| Storage | |
| Edge Storage | MicroSD, up to 512 GB |
| Network Storage | ANR, NAS (NFS) |
| Network | |
| Protocols | IPv4, IPv6, IGMP, ICMP, ARP, TCP, UDP, DHCP, PPPoE, RTP, RTSP, RTCP, RTMP, DNS, DDNS, NTP, UPnP, HTTP, HTTPS, SMTP, 802.1x, SNMP, QoS, SSL/TLS, SSH |
| Compatible Integration | ONVIF (Profile S, Profile G, Profile T, Profile M), API, SDK |
| User/Host | Up to 32 users. 3 user levels: administrator, common user and operator |
| Client | EZStation, APP |
| Web Browser | Plug-in required live view: IE 10+, Chrome 45+, Firefox 52+, Edge 79+, Plug-in free live view: Chrome 57+, Firefox 58+, Edge 16+ |
| Interface | |
| Audio I/O | 1 Input: impedance 35 k Ω , amplitude 2 V [p-p], 1 Output: impedance 600 Ω , amplitude 2 V [p-p] |
| Alarm I/O | 1/1 |

| | |
|----------------------|---|
| Serial Port | N/A |
| Built-in Mic | Built-in dual-mic |
| Built-in Speaker | Support |
| 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 50130-4) FCC (FCC 47 CFR part15 B) |
| Safety | CE-LVD (EN 62368-1) UL/CUL (UL 62368-1, CAN/CSA C22.2 No. 62368-1) |
| Environment | CE-RoHS (2011/65/EU; (EU) 2015/863) ; WEEE (2012/19/EU) |
| Protection | IP67 (IEC 60529) IK10 (IEC 62262) |
| General | |
| Power | DC 12 V±25%, PoE (IEEE 802.3af) |
| Power Consumption | Max. 6.8 W |
| Power Interface | Ø5.5 mm coaxial power plug |
| Dimensions | Ø111.2 mm × 72.6 mm (Ø4.4" × 2.9") (Ø × H) |
| Weight | 0.47 kg (1.04 lb) |
| Material | Metal |
| Working Environment | -30 °C to 60 °C (-22 °F to 140 °F), Humidity: ≤ 95% RH (non-condensing) |
| Storage Environment | -30 °C to 60 °C (-22 °F to 140 °F), Humidity: ≤ 95% RH (non-condensing) |
| Surge Protection | 4 KV |
| Reset Button | Support |
| Web Client Language | 20 Languages: Traditional Chinese, English, Simplified Chinese, Polish, German, Russian, French, Korean, Dutch, Czech, Portuguese (Europe), Portuguese (Brazil), Japanese, Thai, Turkish, Spanish (Latin America), Spanish (Europe), Hungarian, Italian, Vietnamese |

Dimensions



Accessories

| | | |
|--|--|--|
| <p>TR-JB03-G-IN</p> <p>Junction Box for Mini Fix-dome(Support wiring from behind)</p> | <p>TR-JB07/WM03-G-IN-V2</p> <p>Wall Mounting Assembling Bracket For 32 Fix-dome&Mini Fix-dome&Plastic Turret Camera</p> | <p>TR-WM03-D-IN-V2</p> <p>Wall Mounting Bracket for 32 Fix-dome&Mini Fix-dome&Plastic Turret Camera</p> |
|  |  |  |
| <p>TR-UM06-E-IN</p> <p>Slant Mounting Bracket for Fixed Dome</p> | <p>TR-A01-IN</p> <p>NPT 3/4" Waterproof Cable Gland</p> | <p>TR-UP06-C-IN-V2</p> <p>Pole Mounting Bracket for Bullet Junction Box Only</p> |
|  |  |  |

| TR-UC08-C-V2 | TR-SE24-IN | TR-SE24-A-IN |
|---|---|---|
| Bullet&Dome Corner Mounting Bracket | Dome Pendent Mounting Pole 200mm | Dome Pendent Mounting Pole 500mm |
|  |  |  |
| TR-CM24-IN | | |
| Dome Pendent Mounting Bracket(Indoor) | | |
|  | | |

Unlimited New View

Zhejiang Uniview Technologies Co., Ltd.



<http://www.uniview.com>



overseasbusiness@uniview.com; globalsupport@uniview.com



No. 369, Xietong Road, Xixing Sub-district, Binjiang District, Hangzhou City, 310051, Zhejiang Province, China



©2023-2025 Zhejiang Uniview Technologies Co., Ltd. All rights reserved.

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

Despite our best efforts, technical or typographical errors may exist in this document. Uniview cannot be held responsible for any such errors and reserves the right to change the contents of this document without prior notice.