# 8MP LightHunter Intelligent Fixed IR Dome Network Camera

# IPC328SS-ADF28(40)K-I1

## Features

- High quality image with 8 MP, 1/2.8" CMOS sensor
- 8 MP (3840 × 2160)@30/25 (default) fps; 5 MP (3072 × 1728)@30/25 fps; 4 MP (2560 × 1440)@30/25 fps; 1080P (1920 × 1080)@30/25 fps
- Ultra 265, H.265, H.264, MJPEG
- Intelligent perimeter protection, including 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 lights, accurately focusing on humans, vehicles, and non-motor vehicles
- Intelligent people flow counting and crowd density monitoring
- Smart intrusion prevention with color retrieval
- ASM (auto scene match)
- LightHunter technology ensures ultra-high image quality in low illumination environment
- 130 dB true WDR technology enables clear image in strong light scene
- Supports 9:16 corridor mode
- Alarm I/O: 1/1, audio I/O: 1/1
- Built-in mic
- Smart IR, up to 40 m (131.2 ft) IR distance
- MicroSD, up to 1 TB
- IK10 vandal resistant and IP67 protection

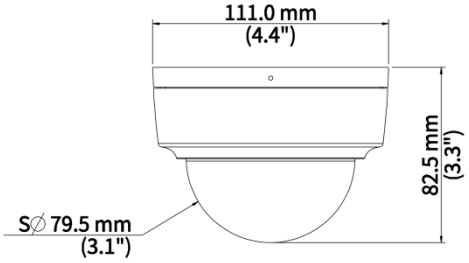
# Specifications

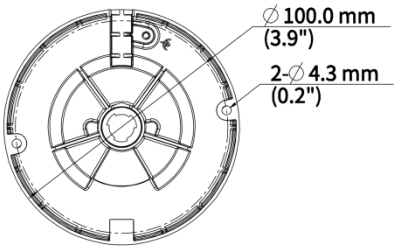
| Model | IPC328SS-ADF28K-I1 | IPC328SS-ADF40K-I1 |
|---|---|---|
| Camera | | |
| Max Resolution | 8 MP | |
| Sensor | 1/2.8" CMOS | |
| Min. Illumination | Color: 0.002 Lux (F1.6, AGC ON), 0 Lux with IR on | |
| Day/Night | IR-cut filter with auto switch (ICR) | |
| Shutter | Auto/Manual, 1 ~ 1/100000s | |
| Adjustment Angle | Pan: 0° to 352°, Tilt: 0° to 70°, Rotate: 0° to 350° | |
| S/N | >56 dB | |
| WDR | 130 dB | |
| Lens | | |
| Focal Length | 2.8 mm | 4.0 mm |
| Iris Type | Fixed | |
| Iris | F1.6 | |
| Field of View (H) | 97.49° | 88.35° |
| Field of View (V) | 52.31° | 49.61° |
| Field of View (D) | 102.29° | 94.19° |
| Lens Type | Fixed | |
| DORI | | |
| DORI Distance (Lens) | 2.8 mm | 4 mm |
| DORI Distance (Detect) | 86.9 m (285.1 ft.) | 124.1 m (407.2 ft.) |
| DORI Distance (Observe) | 34.8 m (114.2 ft.) | 49.7 m (163.1 ft.) |
| DORI Distance (Recognize) | 17.4 m (57.1 ft.) | 24.8 m (81.4 ft.) |
| DORI Distance (Identify) | 8.7 m (28.5 ft.) | 12.4 m (40.7 ft.) |
| Illuminator | | |
| Illumination Distance (IR) | 40 m (131.2 ft.) | |
| IR On/Off Control | Auto/Manual | |
| Wavelength | 850 nm | |
| Video | | |
| Video Compression | Ultra 265, H.265, H.264, MJPEG | |
| H.264 Code Profile | Baseline profile, Main profile, High profile | |
| Frame Rate | Main Stream: 8 MP (3840 × 2160), max. 30 fps; 5 MP (3072 × 1728), max. 30 fps; 4 MP (2560 × 1440), max. 30 fps; 1080P (1920 × 1080), max. 30 fps;<br>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;<br>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 | |
| Auto Scene Match (ASM) | Support (only WDR) |
| 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 |
| 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 |
| Attribute Collection | SIP with color retrieval |
| Events | |
| Basic Detection | Motion detection, Ultra motion detection, Tampering alarm, Audio detection, Object removed, Object Left Behind |
| 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 1 TB |
| Network Storage | ANR, NAS (NFS) |
| Network | |
| Protocols | IPv4, IPv6, IGMP, ICMP, ARP, TCP, UDP, DHCP, PPPoE, RTP, RTSP, RTCP, RTMP, DNS, DDNS, NTP, FTP, UPnP, HTTP, HTTPS, SMTP, 802.1x, SNMP, QoS, SSL/TLS, SSH |
| Compatible Integration | API, SDK, ONVIF (Profile S, Profile G, Profile T, Profile M) |
| User/Host | Up to 32 users. 3 user levels: administrator, common user and operator |
| 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 |
| 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 kΩ, 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 | 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 50130)<br>FCC (FCC 47 CFR part15 B) |
| Safety | CE-LVD (EN 62368-1)<br>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)<br>IK10 (IEC 62262) |
| General | |
| Power | DC 12 V±25%, PoE (IEEE 802.3af) |
| Power Consumption | Max. 7.0 W |
| Power Interface | Ø5.5 mm coaxial power plug |
| Dimensions | Ø111 mm × 83 mm (Ø4.4" × 3.3") (Ø × H) |
| Weight | 0.43 kg (0.95 lb.) |
| Material | Metal |
| Working Environment | -30 ℃ to 60 ℃ (-22 ℉ to 140 ℉), Humidity: ≤ 95% RH (non-condensing) |
| Storage Environment | -30 ℃ to 60 ℃ (-22 ℉ to 140 ℉), 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 |

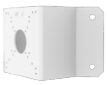
# Dimensions




# Accessories

| TR-JB03-G-IN | HS-205S | TR-CM24-IN |
|---|---|---|
| Mini Dome Junction Box(Support Wiring From Behind) | Fixed Dome Sunshade Shell | Dome Pendent Mounting Bracket(Indoor) |
| | | |
| **TR-SE24-A-IN** | **TR-SE24-IN** | **TR-A01-IN** |
| Dome Pendent Mounting Pole 500mm | Dome Pendent Mounting Pole 200mm | NPT 3/4'' Waterproof Cable Gland |
|  | | |

| | | |
|---|---|---|
| **TR-UM06-E-IN**<br>Slant Mounting Bracket For Fixed Dome | **TR-JB07/WM03-G-IN-V2**<br>Wall Mounting Assembling Bracket For Dome&Mini Dome&Plastic Turret Camera | **TR-WM03-D-IN-V2**<br>Wall Mounting Bracket For Dome&Mini Dome&Plastic Turret Camera |
| | | |
| **TR-UC08-C-V2**<br>Bullet&Dome Corner Mounting Bracket | **TR-UP06-C-IN-V2**<br>Pole Mounting Bracket For Bullet Junction Box Only | **TR-WM07P-B**<br>Wall Mounting Plastic Bracket |
|  | | |
| **TR-FM116**<br>In-ceiling Bracket for Fix-dome | | |
| | | |

# Unlimited New View

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