

4K HD ColorHunter Omniview Series Light and Audible Warning Fixed Turret Network Camera

IPC3K28SE-ADF28KMC-DL-I0



Features

- High quality image with 8MP, 1/2.5" CMOS sensor
- 8MP (4096*1860)@20fps
- The double lens splicing technology is adopted to realize the horizontal viewing angle of 180°
- Colorhunter technology ensures 24-hour full-color images
- Support red & blue warning light
- 130dB true WDR technology enables clear image in strong light scene
- 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
- Intelligent People Flow Counting and Crowd Density Monitoring
- Smart intrusion prevention with Color retrieval
- Auto Scene Match (ASM) (Only WDR)
- Alarm:1 in/1 out and Audio: 1 in/1 out
- Built-in speaker and dual mics
- Support 512 GB micro SD card

Specifications

| | |
|-------|--------------------------|
| Model | IPC3K28SE-ADF28KMC-DL-I0 |
|-------|--------------------------|

Camera

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|-------------------|--|
| Max Resolution | 8 MP |
| Sensor | 1/2.5" CMOS |
| Min. Illumination | Colour: 0.0005 lux (F1.0, AGC ON) 0 Lux with light |
| Day/Night | IR-cut filter with auto switch (ICR) |
| Shutter | Auto/Manual, 1 ~ 1/100000s |
| Adjustment Angle | Pan: 0° ~ 360°, Tilt: 0° ~ 75°, Rotate: 0° ~ 360° |
| S/N | >52 dB |
| WDR | 130 dB |

Lens

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|-------------------|--------|
| Focal Length | 2.8 mm |
| Iris Type | Fixed |
| Iris | F1.0 |
| Field of View (H) | 180° |
| Field of View (V) | 65° |
| Field of View (D) | 180° |
| Lens Type | Fixed |

DORI

| | |
|---------------------------|----------------|
| DORI Distance (Lens) | 2.8mm |
| DORI Distance (Detect) | 63.1m(206.7ft) |
| DORI Distance (Observe) | 25.2m(82.7ft) |
| DORI Distance (Recognize) | 12.6m(41.3ft) |
| DORI Distance (Identify) | 6.3m(20.7ft) |

Illuminator

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|------------------------------------|----------------|
| 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

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|--------------------|--|
| Video Compression | Ultra 265, H.265, H.264, MJPEG |
| H.264 Code Profile | Baseline profile, Main profile, High profile |
| Frame Rate | Main Stream: 8MP (4096*1860), Max 20fps; Sub Stream: 2048*936, Max 20fps; |
| Video Bit Rate | 128 Kbps to 16 Mbps |
| U-code | Support |
| OSD | Up to 8 OSDs |
| Privacy Mask | Up to 4 areas |
| ROI | Up to 8 areas |
| Video Stream | Dual Streams |

Image

| | |
|-------------------------|--|
| Auto Scene Match (ASM) | Support (Only WDR) |
| White Balance | Auto, Outdoor, Fine Tune, Sodium Lamp, Locked, Auto2 |
| Digital Noise Reduction | 2D/3D DNR |
| Smart IR | Support |
| Flip | N/A |
| Dewarping | N/A |
| HLC | Support |
| BLC | Support |
| Defog | Digital Defog |
| Image Stabilization | N/A |

Intelligent

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|----------------------------|--|
| 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 |
| Attribute Collection | SIP with color retrieval |

Events

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|------------------|--|
| 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

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|-------------------|----------------|
| Audio Compression | G.711U, G.711A |
| Audio Bitrate | 64 Kbps |
| Two-way Audio | Support |
| Suppression | Support |
| Sampling Rate | 8 kHz |

Storage

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|-----------------|------------------------|
| Edge Storage | Micro SD, up to 512 GB |
| Network Storage | ANR, NAS (NFS) |

Network

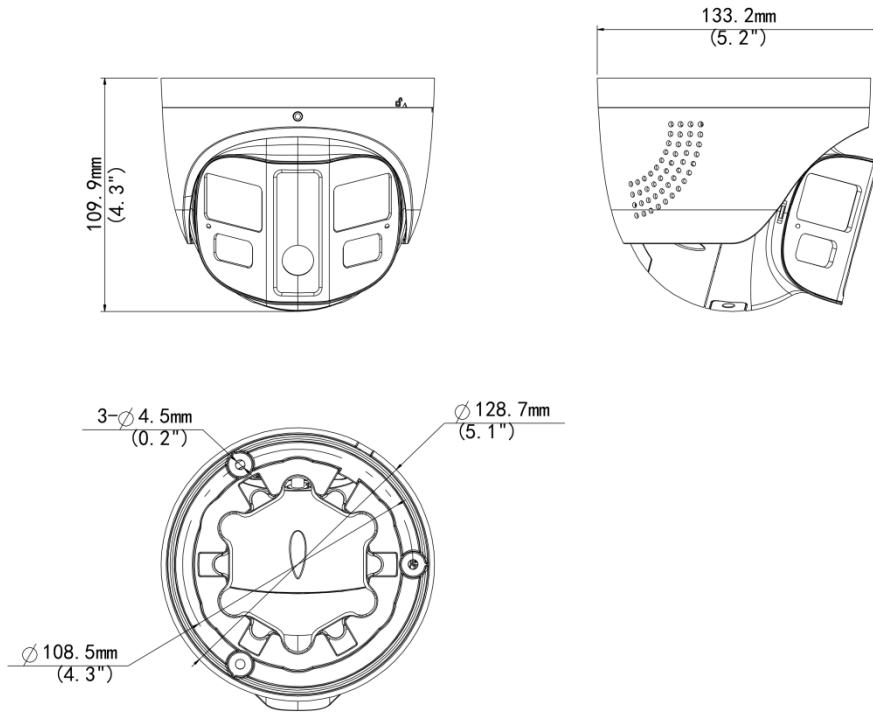
| | |
|------------------------|--|
| Protocols | IPv4, IPv6, IGMP, ICMP, ARP, TCP, UDP, DHCP, PPPoE, RTP, RTSP, RTCP, RTMP, DNS, DDNS, NTP, FTP, UPnP, HTTP, HTTPS, SMTP, 802.1x, SNMP, QoS, SSL/TLS, SSH |
| Compatible Integration | ONVIF (Profile S, Profile G, Profile T), API, SDK |
| User/Host | Up to 32 users. 3 user levels: administrator, common user and operator |
| 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 | UNV-Link, UNV-Link Pro, EZStation |
| 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

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| Audio I/O | 1 Input: impedance 35 kΩ, amplitude 2 V [p-p], 1 Output: impedance 600 Ω, amplitude 2 V [p-p] |
|-----------|---|

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|----------------------|---|
| Alarm I/O | 1/1 |
| Serial Port | N/A |
| Built-in Mic | Built-in two mics |
| 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) FCC (FCC 47 CFR part15 B) |
| Safety | CE-LVD (EN 62368-1) CB (IEC 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 12V±25%, PoE (IEEE 802.3af) |
| Power Consumption | Max 12.6W |
| Power Interface | Ø5.5 mm coaxial power plug |
| Dimensions | Ø128.7 x 109.9mm (Ø5.1"x 4.3") (Ø x H) |
| Weight | 0.86kg (1.9lb) |
| 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

TR-JB03-H-IN

Junction Box for Metal Turret Camera(Support wiring from behind)



TR-UC08-C

Bullet&Dome Corner Mounting Bracket



TR-JB07/WM03-F-IN

Wall Mounting Assembling Bracket with Back Hole for 3 Inch Hemisphere



TR-SE24-IN

Dome Pendant Mounting Pole 200mm



TR-WM03-B-IN

Wall Mounting Assembling Bracket for 3 Inch Hemisphere



TR-SE24-A-IN

Dome Pendant Mounting Pole 500mm



TR-CM24-IN

Dome Pendant Mounting Bracket(Indoor)



TR-UP06-IN

Universal Pole Mounting Bracket



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