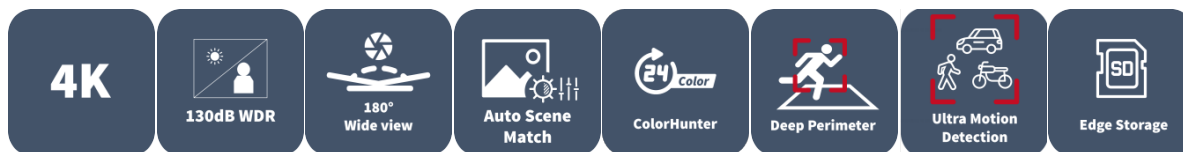


# 4K HD ColorHunter Omniview Series Fixed Bullet Network Camera

IPC2K28SE-ADF40KMC-WL-I0



## Features

- High quality image with 8MP, 1/2.7"CMOS sensor
- 8MP (5120\*1440)@20fps
- The double lens splicing technology is adopted to realize the horizontal viewing angle of  $180^{\circ}\pm 10^{\circ}$
- Colorhunter technology ensures 24-hour full-color images
- 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
- Audio: 1 in/1 out
- Built-in speaker and dual mics
- Support 512 GB micro SD card
- 12V DC/PoE power supply

## Specifications

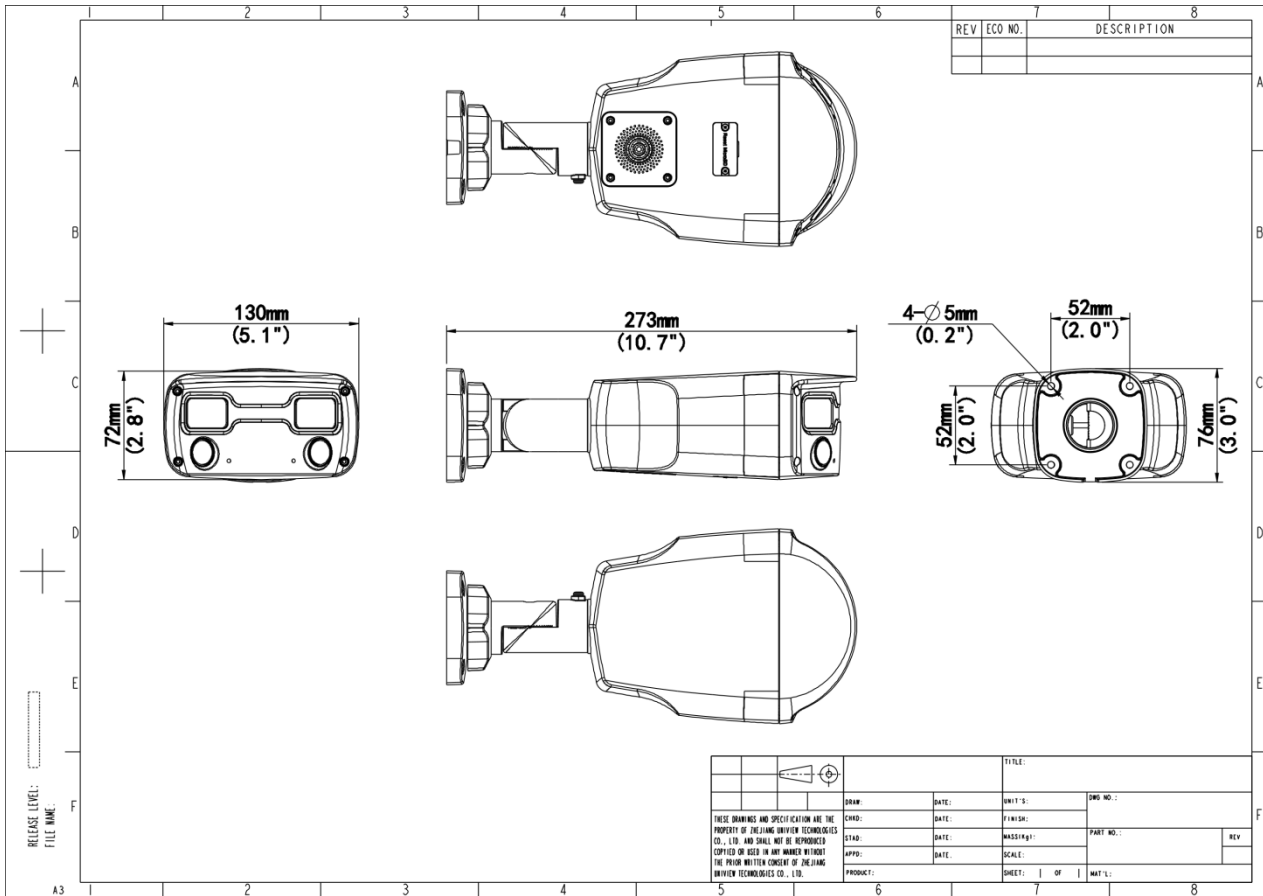
|                                    |   |
|------------------------------------|---|
| Model                              | IPC2K28SE-ADF40KMC-WL-I0                          |
| <b>Camera</b>                      |   |
| Sensor                             | 1/2.7" CMOS                                       |
| Min. Illumination                  | Colour: 0.0005 lux (F1.0, AGC ON)                 |
| Shutter                            | Auto/Manual, 1 ~ 1/100000s                        |
| Adjustment Angle                   | Pan: 0° ~ 360°, Tilt: 0° ~ 90°, Rotate: 0° ~ 360° |
| S/N                                | >52 dB  |
| WDR                                | 130 dB  |
| <b>Lens</b>                        |   |
| Focal Length                       | 2 × 4.0 mm  |
| Iris                               | F1.0  |
| Field of View (H)                  | 180°±10°  |
| Field of View (V)                  | 47.41°  |
| Field of View (D)                  | 180.13°±10°                                       |
| Lens Type                          | Fixed   |
| <b>DORI</b>                        |   |
| DORI Distance (Lens)               | 4.0mm   |
| DORI Distance (Detect)             | 90m(259.3ft)                                      |
| DORI Distance (Observe)            | 36m(118.1ft)                                      |
| DORI Distance (Recognize)          | 18m(59.1ft)                                       |
| DORI Distance (Identify)           | 9m(29.5ft)  |
| <b>Illuminator</b>                 |   |
| Supplemental Light                 | Warm light  |
| Illumination Distance (Warm Light) | 30 m (98.4 ft)                                    |
| Light 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, High profile      |

|                            |  |
|----------------------------|--|
| Frame Rate                 | Main Stream: 8MP (5120*1440), Max 20fps<br>Sub Stream: 2560*720, 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                        | Support  |
| Video Stream               | Double streams   |
| <b>Image</b>               |  |
| Smart Illumination         | Support  |
| White Balance              | Auto, Outdoor, Fine Tune, Sodium Lamp, Locked, Auto2   |
| Digital Noise Reduction    | 2D/3D DNR  |
| Auto Scene Match (ASM)     | Support (Only WDR)   |
| Flip                       | N/A  |
| Dewarping                  | N/A  |
| HLC                        | Support  |
| BLC                        | Support  |
| Defog                      | Digital Defog  |
| Image Stabilization        | N/A  |
| <b>Intelligent</b>         |  |
| 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 Monitoring  |
| Attribute Collection       | SIP with color retrieval   |
| <b>Events</b>              |  |
| 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                             |
| <b>Audio</b>               |  |

|                        |  |
|------------------------|--|
| Audio Compression      | G.711U, G.711A   |
| Audio Bitrate          | 64 Kbps  |
| Two-way Audio          | Support  |
| Suppression            | Support  |
| Sampling Rate          | 8 kHz  |
| <b>Storage</b>         |  |
| Edge Storage           | Micro SD, up to 512 GB   |
| Network Storage        | ANR, NAS (NFS)   |
| <b>Network</b>         |  |
| 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),<br>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+   |
| <b>Interface</b>       |  |
| Audio I/O              | 1 Input: impedance 35 k $\Omega$ , amplitude 2 V [p-p], 1 Output: impedance 600 $\Omega$ , amplitude 2 V [p-p]   |
| 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 $\times$ RJ45 10 M/100 M Base-TX Ethernet  |
| Video Output           | N/A  |
| <b>Certification</b>   |  |

|                     |   |
|---------------------|---|
| EMC                 | CE-EMC (EN 55032: 2015+A1:2020,EN 61000-3-3: 2013+A1: 2019,EN IEC 61000-3-2: 2019+A1: 2021,EN 55035: 2017+A11:2020)<br>FCC (FCC CFR 47 part15 B, ANSI C63.4-2014)   |
| Safety              | CE LVD (EN 62368-1:2014+A11:2017)<br>CB (IEC 62368-1:2014)<br>UL (UL 62368-1, 2nd Ed., Issue Date: 2014-12-01)  |
| Environment         | CE-RoHS (2011/65/EU;(EU)2015/863); WEEE (2012/19/EU); Reach (Regulation (EC) No 1907/2006)  |
| Protection          | IP67 (IEC 60529: 1989+AMD1: 1999+AMD2: 2013)  |
| <b>General</b>      |   |
| Power               | DC 12V±25%, PoE (IEEE 802.3af)  |
| Power Consumption   | Max 13W   |
| Power Interface     | Ø5.5 mm coaxial power plug  |
| Dimensions          | 273 × 130 × 76mm (10.7" × 5.1" × 3.0") (L x W x H)  |
| Weight              | 0.96kg (2.12lb)   |
| 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-JB07-D-IN

Bullet Junction Box(Support wiring from behind)



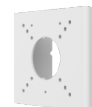
TR-JB06-A-IN

Middle Bullet Junction Box(Elegant White)



TR-UP06-B-IN

Bullet Pole Mounting Bracket



TR-UP06-C-IN

Pole Mounting Bracket for Bullet Junction Box Only



TR-A01-IN

NPT 3/4" Waterproof Cable Gland



TR-UC08-C

Bullet&Dome Corner Mounting Bracket

