



Description

This product is a 4MP infrared network HD camera, integrated with a high-performance low-light CMOS sensor, supporting H.265/H.264 encoding, and providing high-definition video surveillance. It features infrared light supplement, with night-time illumination reaching up to 25 meters. The camera supports human/vehicle detection, line crossing detection, area intrusion detection, digital wide dynamic range, privacy masking, and other functions, ensuring clear imaging in complex environments. It is widely used in security monitoring for indoor and outdoor environments such as residential areas, factories, schools, and shopping malls, offering an all-weather intelligent security solution.

Features

- *Adopting 1/3.0" low-light CMOS sensor, the image is clear and delicate.
- *4MP; maximum 2560×1440@30fps.
- *Automatic electronic shutter, adaptable to different monitoring environments.
- *Brightness, contrast, saturation and sharpness are adjustable.
- *DWDR, 2D/3D NR, AWB/Manual White Balance.
- *Supports flip/mirror.
- *Built-in microphone and speaker.
- *H.265/ H.264 video encoding.
- *Supports pedestrian/vehicle type detection, line crossing detection, and area intrusion detection.
- *Supports information overlay (such as title, time, date information, etc.).
- *Supports privacy masking, up to 4 areas.
- *Supports Onvif and GB28181-2016 protocols.
- *Supports POE power supply; IP66 protection level.



Specification

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|------------------------------------|---|
| Sensor type | 1/3" CMOS |
| Sensor type | 4MP; maximum 2560×1440@30fps |
| Minimum illumination | Color: 0.05Lux @(F1.2,AGC ON); 0 Lux fill light on |
| Shutter | 1/3 sec to 1/10,000 sec |
| Lenses type | Fixed focal length lens |
| Day and night mode | Passive method |
| Wide dynamic range | Digital wide dynamic range |
| Lens focal length | 4mm |
| Lens aperture | F2.0 |
| Horizontal angle of view | 78° |
| Vertical viewing angle of the lens | 40° |
| Lens focus angle | 93° |
| Image maximum image size | Main stream: 2880 × 1620, 2560 × 1440, 1920 × 1080; Sub stream: 704 × 576, 640 × 480, 352 × 288 |
| Image frame rate | PAL/NTSC:2560 × 1440@25fps; 2560 × 1440@30fps |
| Image settings | Saturation, brightness, sharpness and contrast adjustable |
| Image mode | Normal Mode |
| Audio input | Built-in microphone (sensitivity -32±2dB, RL=2.2KΩ) |
| Audio sampling frequency/bit width | 8KHz/16bit |
| Compression standards | H.265/H.264 video coding compression |
| Compression output bit rate | 0.32Mbps~6.144k Mbps |
| Audio compression standards | G.711U/G.711A |
| Storage function | Network storage, NVR |
| Compatible protocols | Supports network protocols such as HTTP, FTP, TCP/IP, IPv4, DHCP, NTP, RTSP, QOS, and others. It also supports ONVIF Profile SG standard protocol for integration with mainstream brand NVRs using their private protocols and is compatible with GB/T 28181 national standard protocol |
| Event | Motion detection |
| Smart events | Supports pedestrian crossing detection and area intrusion detection; supports vehicle crossing detection and area intrusion detection |
| Communication interface | 110/100Mbps RJ45 network port |
| Power interface | 5.5mm × 2.5mm standard input |
| Operating temperature | -20°C- + 50°C |
| Operating humidity | 10%-90% RH |
| Power supply | DC12V ±20%/ PoE(802.3af) |
| Infrared light | Equipped with 3 white light LEDs, providing illumination up to a distance of 25 meters |
| Power consumption | 6W |
| Material | Metal |
| Dimensions | φ121.5×96.5 (mm) |
| Weight | 0.62Kg |