



Description

This product is a 4MP HD network camera featuring a high-performance, low-light CMOS sensor and support for H.265/H.264 encoding, providing high-definition video surveillance. It features daylight fill and nightlight fill at distances up to 20 meters, along with support for human/vehicle detection, cross-border detection, zone intrusion detection, digital wide dynamic range, and privacy masking, ensuring clear imaging in complex environments. It is widely used in indoor and outdoor security monitoring locations such as residential areas, factories, schools, and shopping malls, providing a 24/7 intelligent security solution.

Features

- *Using 1/1.8" 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.
- *Support flip/mirror.
- *Built-in microphone and speaker.
- *H.265/H.264 video encoding.
- *Support pedestrian/vehicle type detection, cross-border detection, and area intrusion detection.
- *Support information overlay (such as title, time, date information, etc.).
- *Support privacy shielding, up to 4 areas.
- *Support Onvif and GB28181-2016 protocols.
- *Support POE power supply; IP66 protection level.
- *Alarm I/O: 1-channel input, 1-channel output.



Specification

Sensor type	1/1.8" CMOS
Sensor type	4MP; maximum 2560×1440@30fps
Minimum illumination	Color: 0.01 Lux @(F1.2,AGC ON); 0 Lux fill light on
Shutter	1/3 second to 1/10,000 second
Lens type	fixed-focus lens
Day and night mode	Passive method
Wide dynamic range	Digital wide dynamic range
Lens aperture	F1.0
Focal length & field of view	
Lens focal length	Lens focal length: 4mm, lens horizontal angle of view: 94°, lens vertical angle of view: 48°, lens focus angle of view: 113°
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 are adjustable
Image mode	Normal mode
Audio input	Built-in microphone
Audio output	Built-in speakers
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 HTTP, FTP, TCP/IP, IPv4, DHCP, NTP, RTSP, QOS and other network protocols; supports ONVIF Profile SG standard protocol, realizes docking with mainstream brand NVR back-end private protocol, supports GB/T28181 national standard protocol
Event	Motion Detection
Smart events	Support pedestrian crossing detection and area intrusion detection; support vehicle crossing detection and area intrusion detection
Communication interface	110/100Mbps RJ45 network port
Power interface	5.5mm×2.5mm standard input
Alarm	1 input, 1 output
Operating temperature	-20°C- +50°C
Operating humidity	10%-90% RH
Power supply	DC12V ±20%/PoE (802.3af)
Fill light	4 white LEDs, 20M distance
Power consumption	6W
Material	Metal
Product size	Φ93×91.5 (mm)
Weight	0.5Kg