



Description

This product is a 5mp intelligent dual-light-tube network camera, widely used in indoor and outdoor security monitoring locations such as residential communities, factories, schools, and shopping malls, providing an all-weather intelligent security solution.

Features

- *It features 5 megapixels, a large 1/2.7" image sensor, and an F1.6 aperture lens, with a maximum resolution of 2880*1620 at 30fps .
- *Smart H.265/H.265/H.264 video encoding offers higher compression efficiency .
- *It features a built-in high-quality microphone and a high-power speaker, delivering a loud and clear sound effect from 5 meters away .
- *It supports PoE power supply and DC12V power supply to meet the reliable power supply needs of different scenarios .
- *The Region of Interest (ROI) enhancement feature improves image quality in key areas under low-bandwidth network conditions .
- *It features dual light sources: infrared and white light, for illumination .
- *It supports sound-linked alarms, has 12 built-in alarm voices, and the alarm time and number of alarms are adjustable. It also supports importing custom voices .
- *Perimeter Deployment: Supports four deployment modes: boundary crossing detection, entering the area, leaving the area, and area intrusion. It can classify and deploy targets such as motor vehicles and pedestrians .
- *Supports scheduled image capture and event-based image capture .
- *Behavioral analysis: Supports loitering detection, crowd gathering detection, and parking detection .
- *Scene detection: Supports audio anomaly detection, scene change detection, item abandonment detection, and item retrieval detection .
- *Basic events: motion detection, occlusion alarm, abnormal alarm, sound alarm, and flashing light alarm .
- *Object detection: Supports face detection and pet recognition .
- *Face capture: Supports face capture .
- *Image adjustment: Saturation, brightness, sharpness, and contrast are adjustable .



Specification

Pixels	5 million
Sensor target surface	1/2.7"
resolution	2880*1620
focal length	① Focal length 2.8mm; horizontal field of view 108.3°, vertical field of view 59.9°, diagonal field of view 126.8°
zoom mode	② Focal length 4mm; horizontal field of view 90.3°, vertical field of view 47.7°, diagonal field of view 108.4°
aperture	Fixed focus
Fill light mode	F1.6
shutter	Infrared supplemental lighting, white light supplemental lighting, intelligent supplemental lighting
Day and night mode	Automatic/Manual, shutter speed range 1/3s to 1/100000s
White Balance	ICR Infrared Filter Type (Automatic, Day, Night, Timer)
Noise Cancellation	Automatic, Manual
Wide dynamic range	Normal mode, Expert mode
Minimum Illumination	>100dB
Strong light suppression	0.002 Lux (F1.6, AGC ON, Color); 0.001 Lux (F1.6, AGC ON, Black and White)
Backlight compensation	support
Video encoding format	support
Video parameters	Smart265, H.265, H.264, MJPEG
Maximum frame rate	Main bitstream: 2880*1620, 2560*1440, 1920*1080; Sub-bitstream: 704*576, 640*480, 352*288
Video bitrate	30 frames
Privacy Cover	256Kbps~16384Kbps
Maximum number of live stream paths	support
Privacy Cover Style	Maximum 5 channels
Number of privacy-covered areas	Black style
Region Augmentation (ROI)	1
OSD quantity	Supported in 4 regions
OSD type	Maximum 6 lines
Audio encoding format	Channel name, time information, custom
audio sampling rate	G.711A, G.711U, AAC, PCM
Built-in Mic	8kHz/16kHz
Built-in speakers	1 unit, sensitivity -35±3dB, pickup distance 5 meters
Network Protocol	1 unit, 8Ω/1.5W high power
Compatible access	Supports IPv4, TCP, UDP, DHCP, RTSP, NTP, UPnP, HTTP, and QoS protocols.
Cache replenishment	Supports RTSP, ONVIF, GB/T28181, GB/T35114 Class A, and proprietary monitoring protocols.
SD card expansion	Supports offline caching and data recovery on SD cards.
Network interface	One Micro SD card slot, supporting up to 512GB.
Power supply method	One RJ45 10M/100M adaptive Ethernet port, supporting PoE power supply.
Power interface	DC12V±25% POE (IEEE802.3af)
Maximum power consumption	One 5.5*2.1mm round hole interface, reverse connection protection, overvoltage protection.
Waterproof and dustproof	≤6W
Operating temperature	Ip66
Operating humidity	-30°C ~ 60°C
Material	≤95%RH (relative humidity, non-condensing)
External dimensions (W*D*H)	Cast aluminum + plastic
weight	98.57×108.81×95.56mm
	0.34kg