



Description

This product is a 4MP, 32x optical zoom, professional network HD infrared dome camera. It integrates a high-performance, low-light CMOS sensor and supports H.265+/H.265/H.264 encoding, providing high-definition video surveillance. Equipped with eight 850nm infrared fill lights, it can achieve a range of up to 150 meters, ensuring clear imaging in complex environments. It supports automatic tracking of pedestrians, motor vehicles, and non-motor vehicles, facial detection, perimeter defense for cross-border detection, zone intrusion, entry, and exit, and intelligent functions such as motion, occlusion, and sound detection. It is widely applicable to road monitoring, warehouses, underground parking lots, industrial parks, and other locations, providing a 24/7 intelligent security solution.

Features

- *Adopting 4MP 1/2.7" low-light CMOS sensor, the image is clear and detailed.
- *ICR function, supports automatic/manual switching mode.
- *Supports audio input and audio output interfaces.
- *Supports automatic/manual focus and automatic/manual shutter to adapt to different monitoring environments.
- *Supports adjustable brightness, contrast, saturation and sharpness.
- *Supports backlight compensation, strong light suppression and face detection.
- *Supports normal image mode and image stabilization.
- *Supports horizontal/vertical image mirroring.
- *Horizontal rotation range: 0°-360°, vertical rotation range: -10°-90° (automatic flip, vertical 180-degree rotation).
- *Horizontal rotation speed: 0.1°~220°/s; vertical rotation speed: 0.1°~180°/s.
- *Supports infrared fill light, with a maximum fill light distance of 150 meters.
- *Supports 1024 preset positions to store and edit.
- *32x optical zoom, 4.5-148.5mm focal length continuous zoom lens.
- *H.265+/H.265/H.264 video compression technology.
- *Multi-browser access (IE, Chrome, Firefox, Safari).
- *Supports information overlay (such as title, resolution, bitrate, time, date information, etc., and the title content can be separated into multiple lines).
- *Supports intelligent deep perimeter and perimeter deployment.
- *Supports intelligent behavior analysis, scene detection and target detection.
- *Supports people counting and automatic tracking.
- *Supports local capture, video recording and electronic magnification.
- *Supports one-key cruise and pan-tilt monitoring.
- *Supports docking with NVR platform.
- *Supports standard Onvif and GB/T 28181 protocols.



Specification

Sensor type	4MP 1/2.7" low-light CMOS sensor
Minimum illumination	Color: 0.003 Lux @ (F1.65, AGC ON); Black and white: 0.002 Lux @ (F1.65, AGC ON)
Shutter	Automatic/manual, shutter range: 1~1/100000s
Lens type	Integrated continuous zoom lens
Day and night mode	Support IR-CUT
Wide dynamic range	≤120dB
Lens focal length	4.5 ~ 148.5mm
Lens aperture	F1.65 (W) ~ 4.7 (T)
Lens horizontal field of view	57.06°(W)~3.61°(T)
Lens vertical field of view	34.01°(W)~2.03°(T)
Maximum image size	Main stream: 2688*1520@30fps, 1920x1080; 1280x720@30fps, Sub-stream: D1; VGA; 640x360@30fps
Image frame rate	PAL/NTSC mode: 2688*1520@30fps
Image settings	Saturation, brightness, and contrast are adjustable through the client or browser
Audio input and output interface	Audio connection, 1 input, 1 output
Alarm interface	1 alarm input, 1 alarm output
Reset interface	1 hard reset button interface
Network interface	110/100Mbps RJ45 port
Power interface	5.5mm*2.1mm standard DC input port
Compression standards	H.265+, H.265, H.264, MJPEG video encoding compression
Audio compression standards	G711A, G711U, AAC-LC
Storage function	Network storage, cloud storage, NVR
Intelligent alarm	Motion detection, video loss, network disconnection, IP address conflict
Supported agreement	L2TP, IPv4, IGMP, ICMP, ARP, TCP, UDP, DHCP, PPPoE, RTP, RTSP, DNS, DDNS, NTP, FTP, UPnP, HTTP, SNMP, SIP, 802.1X, HTTPS, RTCP, RTMP, etc.
Compatibility	ONVIF, API, GA/T 1400, GB/T 28181
Anomaly detection	Motion detection, occlusion detection, sound detection
Perimeter defense	Supports cross-border detection, area intrusion, entry into area, and exit from area; supports classification detection, capture, and deployment of motor vehicles, non-motor vehicles, and pedestrians
Intelligent recognition	Face Detection
Automatic tracking	Supports classified tracking of motor vehicles, non-motor vehicles, and pedestrians in the picture, and automatically returns to the initial position after the preset tracking time is reached
People counting	Crowd counting: supports counting of total number of people, number of people entering, number of people leaving, supports three-level alarm for number of people staying, and supports clearing the number of people counted; People density detection: support three-level alarm for people density
PTZ rotation speed	Horizontal (0.1° ~ 220°/s), vertical (0.1° ~ 180°/s)
Pan/tilt rotation angle	Horizontal 360°, vertical -10° ~ 90° (auto flip, vertical 180 degree rotation)
Preset position	1024 preset positions, editable
Automatic flip	Vertical 180 degree rotation
PTZ scanning	Support left and right scanning, pattern scanning, and cruise
Idle auto run	Left and right scan/pattern scan/cruise/preset position
Automatic operation upon power on	Left and right scan/pattern scan/cruise/preset position
Operating temperature	-40°C ~ +60°C
Operating humidity	10%-90% RH
Power supply	DC12V/3A, supports POE+ standard (IEEE802.3at 30W)
Safety protection	Static electricity protection, overload protection, instantaneous high voltage protection
Protection level	Ip66
Infrared fill light	8850nm infrared lights, maximum distance 150 meters; Angle: automatic adjustment (angle changes with lens zoom)
Power consumption	MAX 9W/26W (infrared light on)
Material	Aluminum alloy + ABS engineering plastics
Weight	Gross weight: about 5kg
Product size	Φ185×291mm
Packing size	235*235*460mm
Outer box size	500*480*260mm (2pcs/Carton)