



### Description

This product is an 8MP motorized zoom box camera equipped with a high-performance 1/2.7-inch CMOS sensor and supports H.264/H.265/H.265+ video encoding , providing ultra- high - definition video surveillance. It supports voice intercom, audio and video synchronization, voice broadcast, and custom voice commands . Equipped with four infrared and four white light indicators , it has a nighttime range of up to 35 meters. It supports human/vehicle detection, cross-border detection, area intrusion detection , and digital wide dynamic range, 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

- \*Adopting 1/2.7-inch 8MP CMOS sensor, the image is clear and delicate;
- \*Support H.264/H.265/H.265+ video encoding and G.711/G711A audio compression standards;
- \*Supports pedestrian/vehicle detection, boundary crossing detection, and area intrusion detection, and alarm information can be reported to the backend;
- \*Support voice intercom function, audio and video synchronization, voice broadcast, and custom voice;
- \*Supports digital wide dynamic range, backlight compensation, strong light suppression, digital noise reduction and image flip;
- \*The output resolution supports 3840×2160@20fps;
- \*Support automatic electronic shutter to adapt to different monitoring environments;
- \*Supports 2.7~12mm focal length, AF electric zoom lens;
- \*Supports plug-in-free multi-browser access (Chrome, Firefox, Safari, Opera, Edge);
- \*Supports standard Onvif protocol and GB28181 protocol and can be connected to many large platform management systems at home and abroad;
- \*Supports comprehensive lightning protection for power supply and network, in compliance with national standard GB/T17626.5 and international standard IEC61000-4-5;
- \*Support (Windows) PC web management, configuration tools, and NVR management;
- \*Supports dual-light source fill light, equipped with 4 infrared lights and 4 white lights, with a maximum fill light distance of 35 meters;
- \*Support alarm input and output functions;
- \*Support privacy shielding, up to 4 areas;
- \*Support information overlay (such as title, time, date information, etc.);
- \*Support POE power supply;
- \*Metal housing, IP66 protection grade.



### Specification

Sensor	1/2.7" CMOS 800W sensor
Shutter	1/10 sec to 1/ 10,000 sec
Signal-to-noise ratio	≥ 40 dB
Day and night mode switching	Automatic, manual, external control, humanoid dual light timing control
Wide dynamic range	Digital wide dynamic range ≤80dB
Noise reduction	2D/3D noise reduction
Maximum image size	3840×2160@20fps
Frame rate	Main stream: 20 FPS (3840 × 2160) , 25 FPS (3072 × 2048), 30 FPS (2592 × 1944 , 2560 × 1440 , 2304 × 1296), 60 FPS (1920 × 1080, 1280 × 720); Sub-stream: 720 × 480 , D1 , VGA , 640 × 360
Image settings	Saturation , brightness , contrast; sharpness, adjustable
Image mode	Normal mode , anti-face overexposure mode , license plate mode
Focal length	2.7~12MM/AF electric zoom
Horizontal angle	108°
vertical angle	57°
Diagonal angle	129°
Common events	Motion Detection
Smart figure	Human detection, trip detection, area detection
Smart models	Motor vehicle inspection, non-motor vehicle inspection, trip inspection, regional inspection
Input	1- way linear input
Output	1 linear output
Acquisition frequency/bit width	8KHz/16bit
Input	1- way linear input
Output	1 linear output
Compression standards	H.265/H.264 video encoding compression
Audio compression	G711/G711A/AAC
Network protocol	TCP/IP , HTTP , DHCP , DNS , SMTP , RTSP , NTP , (HTTPS , SIP , 802.1x , IPv6 optional)
Upgrade	Support local upgrade via WEB interface; support batch upgrade via PC Tools
Compatibility	Support ONVIF standard protocol to connect to mainstream brand NVR backend private protocol
APP	Support Android and IOS
Browser	IE , multi-browser access (Chrome, Firefox, Safari, Opera, Edge)
Communication interface	110/100Mbps adaptive Ethernet port , RJ45 interface
Light board interface	2-way/1PWM infrared, 1PWM warm light
Working temperature and humidity	-25 ~ 60 °C , humidity <95% (no condensation)
Power supply mode	DC12V ± 20 %/PoE(802.3af)
Fill light	Dual light source, 4 infrared lights + 4 white lights, distance: 35M
Material	Metal
Dimensions (L×W×H)	232.75×75.90×68.00mm
Protection level	IP66