

Indoor Dome Network Security Surveillance Camera CA-31001

Making Cities Better

Product Overview

CA-31001 Indoor Dome Network Security Surveillance Camera adopts a starlight low-light 2-megapixel CMOS image sensor, delivering excellent performance in low-light environments and high image clarity. Designed as a household video surveillance device, it is equipped with a 3.6mm lens and applicable to indoor security monitoring and other scenarios.

Functional Features

- Adopts starlight low-light 2MP CMOS image sensor, delivering excellent low-light performance and high image clarity.
- Supports H.265 / H.264 video encoding formats.
- Built-in 8 LED fill lights, with an effective monitoring range of 5 - 10 meters (varies with environmental conditions).
- Supports human motion detection function

Product Appearance



BLUE ROBOT AI

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Technical Parameters

Parameter name	Parameter value
Resolution	1920*1080
Focal Length	3.6mm
PTZ	Pan: 355°; Tilt: 90°
Preset Positions	6 pcs
Video Coding	H.264/20FPS
Video format	PAL
Minimum Illumination	0.01 Lux @ (F2.0, AGC ON), 0 Lux with IR illumination
Electronic Shutter	Auto
Backlight Compensation	Supported
Noise Reduction	2D & 3D noise reduction
Fill Lights	4 IR LEDs + 4 white light LEDs
Network Connection	Wi-Fi & AP hotspot supported (no RJ45 wired port)
Wi-Fi Standard	IEEE 802.11 b/g/n wireless protocol
Night Vision Range	Dual-light auto-switch, effective distance 5–10 m (environment-dependent)
Audio	Built-in microphone & speaker, supports two-way real-time audio transmission; ADPCM audio coding with adaptive bitrate
Network Protocols	TCP/IP, UDP, HTTP, DDNS, DHCP, FTP, NTP
Alarm Functions	① Motion detection & snapshot push notifications ② Human intrusion detection (optional) ③ Compatible with 433MHz alarm accessories
Streaming Protocol	ONVIF supported
Storage	TF card (max. 64GB); cloud storage (optional)
Power Input	5V / 1.6A (EU & US power plugs optional)
Operation environment	-10°C ~ + 50°C, ≤95%RH

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