



SIBN-501ER

5 MP IP speed dome Wi-Fi camera, suitable for indoor environment. Accurate Human Shape Detection, Facial Recognition, two-way audio enables simultaneous talk and listen functionality.

Product features:

- Features a 1/2.9-inch CMOS sensor with high definition and superior low-light performance, delivering 2880×1624 (5 MP) ultra-high-definition imagery;
- H.265 Encoding;
- Fall Detection Support;
- Pet Recognition and Tracking Features;
- Facial Recognition: Capable of identifying family members and strangers, with stranger tracking and alarm functionality;
- Bluetooth Network Provisioning with dual-band 5 GHz Wi-Fi support;
- Instant & Scheduled Privacy Mode: Protects user privacy by enabling immediate or timed sleep function;
- Accurate Human Shape Detection: significantly reduces false alarms. Supports alarm triggers for email notifications, FTP uploads, SD card snapshots, SD card recording, cloud recording, and audio/visual alarms;
- Preset Positions: Supports setting and calling up to 6 preset positions;
- Human Tracking & Guard Position: Features human shape tracking and a guard position function. Automatically returns to the guard position after tracking concludes, supported by position calibration;
- Built-in Wi-Fi Hotspot: Allows monitoring even without a network connection;
- Local & Cloud Storage: Supports recording to TF cards (up to 256 GB) and to the Cloud;
- ONVIF Protocol Compliance: Supports the ONVIF standard protocol;
- Full-Duplex Two-Way Audio: Enables simultaneous talk and listen functionality;

Product functions:

System

Main Processor	Ingenic T41;
Operating System	Embedded Linux OS;
Image Sensor	1/2.9 CMOS Sensor;
Video Encoding	H.265;
System Standard	PAL 50 Hz/NTSC 60 Hz;
Effective Resolution	2880 x 1624 (5 MP);
Frame Rate	15fps;
Bitrate	135 ÷ 2048 kbps;
Minimum Illumination	Day Mode: 1 Lux; Night Vision Mode: 0.01 Lux;
Day/Night Mode	Auto;

Audio

Encoding Standard	G.711U;
Audio Input	External microphone (MIC), analog MIC with 42dB SNR;
Audio Output	External 8 Ω/MAX 1.5 W speaker;
Voice Intercom	Full-duplex two-way audio;

Recording Management

Recording Mode	Alarm Recording, Scheduled Recording;
Storage Location	TF Card, PC Client, NVR;
Cloud Storage	Supported;

AI Alarm

Alarm Detection	Fall Detection, Pet Detection, Facial Recognition, Accurate Human Shape;
AI Tracking	Human Shape Tracking, Pet Tracking, Stranger Tracking;
Audio & Light Alarm	Supported; With dual-light module, supports audible and visual alarm;

Alarm Voice	Text-to-Speech (TTS) and custom voice support;
Alarm Linkage	Triggered recording, snapshot capture, email notification, and FTP server upload;

PTZ

Preset	Supports setting of 6 preset positions;
Tracking	Supports human shape tracking and guard position setting; Automatically returns to guard position after tracking completes;

Network

Wi-Fi	Dual-band 5 GHz Wi-Fi;
Bluetooth	Supports Bluetooth network provisioning;
RJ45	HTTP, TCP/IP, IPV4, UPNP, RTSP, UDP, SMTP, NTP, DHCP, DNS, IP Filter, IP; Search (Support P6S IP camera, DVR, NVS and etc.);

Privacy

Privacy Mode	Supports scheduled and instant activation to protect privacy;
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General

TF Card Capacity	Supports up to 256 GB (FAT32 format)
Operating Voltage	USB 5 V
Operating Current	230 ± 10 mA (Board only)
Operating Temperature	-20 °C ÷ +55 °C