

IC-SMA108F | SM Series

5MP Fix Focal Lens Human Detection Dome IP Camera



- 1/2.9" 5MP CMOS sensor
- H.265+ dual-stream encoding
- High-quality fix lens: 3.6mm 5MP
- 20m IR effective range
- Built-in PoE
- An embedded human detection algorithm
- White/Black-list alarm deployment
- Intelligent video analytics available
- Multiple web browsers supported
- IP66 metal casing



System Overview

SM Series 5MP IP cameras provide a cost-efficient solution that is powered by cutting-edge technology for crystal-clear video monitoring.

With an embedded human detection algorithm .

The SM Series also offers multiple industry-leading intelligent video analytic functions, such as human Detection, Line Crossing, Intrusion, Object Left/Lost, Counting, for smart event alarms.

Functions

H.265+

H.265+ technology is an evolutionary optimization of H.265 and the traditional H.264. It includes a series of encoding strategies such as dynamic ROI, smart 2D&3D noise reduction for delivering high-quality videos, and significantly saving up to 70% bandwidth and storage.

Protection

With its precise mechanical and rugged metal casing design, IP cameras of the SM series rated IP66 could stand against water and dust for a long time.

With 10% of input voltage tolerance, the cameras could work safely under extreme or unstable power conditions.

With a working temperature range from -30°C to 60°C, the cameras could adapt to a variety of harsh outdoor environments.

Technical Parameters

Camera

| | | | |
|-------------------|----------------------------------|-------------|-----------|
| Model | IC-SM108F | Flash / DDR | 1Gb / 2Gb |
| Image Sensor | 1/2.9" CMOS | IR LED No. | 3 pcs |
| Effective Pixels | 2560*1920 | IR Distance | 20m |
| Min. Illumination | Color: 0.01Lux@F1.4-F2.8(AGC ON) | S/N Ratio | >52dB |

Lens

| | | | |
|--------------|-----------|----------|-----|
| Lens Type | Fix Focal | Aperture | 2.0 |
| Mount Type | Board-in | FOV | 88° |
| Focal Length | 3.6mm | Quality | 5MP |

Video

| | | | |
|-------------------|---|-----------------|-----------|
| Compression | H.265+, H.265, H.264 | WDR | DWDR |
| Resolution | 5MP (2560x1920) 1080P (1920 x 1080) | Day / Night | Support |
| Bitrate Control | CBR / VBR | White Balance | N/A |
| Bitrate | 1024Kbps ~ 8Mbps | Defog | N/A |
| Multi-Streaming | Main Stream: 5MP@25fps 1080P@25fps | Noise Reduction | 2D/3D DNR |
| | Sub Stream: D1@25fps / VGA@25fps / CIF@25fps | Mirror/Flip | Support |
| | Third Stream: N/A | Corridor Mode | Support |
| Motion Detection | Support | HLC | Support |
| Digital Zoom | Support | BLC | Support |
| Audio Compression | G7.11u | ROI | 4 areas |
| Privacy Mask | 4 areas | Anti-flicker | Support |

IVA

| | |
|-------------------|---|
| Intelligent Video | Human Detection / Line Crossing / Area Detection / Target Count / Object Left / Lost/VQD /Video Tampering |
|-------------------|---|

Network

| | | | |
|-------------------|------------------------------------|---------------------------|------------|
| Protocol | TCP/IP, UDP, HTTP, DHCP, RTSP, NTP | Management Software (VMS) | VMS-4K IMS |
| Interoperability | ONVIF Profile S, SDK, SLINK | Operation System | Windows |
| Max. Online Users | 5 | | |
| Web Browser | IE / Firefox / Chrome / Safari | | |

Note: Video streaming is not available for Firefox/Chrome/Safari

Interface

| | | | |
|-----------|---------------------------|---------------|-----|
| Ethernet | 1 RJ-45 port (10/100Mbps) | Reset Button | N/A |
| Audio I/O | N/A | Micro-SD Slot | N/A |
| Alarm I/O | N/A | ANR | N/A |
| RS485 | N/A | USB | N/A |

General

| | | | |
|--------------------|-------------------------------|---------------------|--------------|
| Power Supply | PoE (IEEE802.3af), DC 12V±10% | Working Temperature | -30°C ~ 60°C |
| Power Consumption | <3W | Working Humidity | 10% ~ 90% |
| Ingress Protection | IP66 | Net Weight | 0.27kg |
| Dimensions (D*H) | 120 * 62 (mm) | Gross Weight | 0.27kg |

Order Information

| Camera | Model | Description |
|------------|------------|---|
| 5MP Camera | IC-SMA108F | 5MP Fix Focal Lens Human Detection Dome IP Camera |

Dimensions (mm)

