

IC-SMA107F | SM Series

5MP Fix Focal Lens Human Detection Dome IP Camera



- 1/2.9" 5MP CMOS sensor
- H.265+ dual-streamencoding
- High-quality fix lens: 3.6mm 5MP
- 30m 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-SM107F	Flash / DDR	1Gb / 2Gb
Image Sensor	1/2.9" CMOS	IR LED No.	18 pcs
Effective Pixels	2560*1920	IR Distance	30m
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
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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	440g
Dimensions (D*H)	133*100 (mm)	Gross Weight	440g

Order Information

Camera	Model	Description
5MP Camera	IC-SMA107F	5MP Fix Focal Lens Human Detection Dome IP Camera

Dimensions (mm)

