

CCTV IP / Professional IP cameras

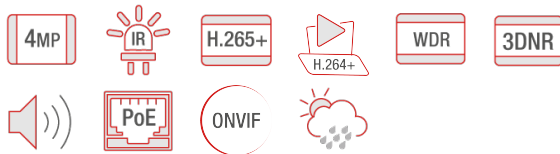
# SF-IPB585ZA-6I1-SL

## SF-IPB585ZA-4I1

### I1 Range: Advanced Artificial Intelligence and video metadata

The I1 series is the highest performing IP camera range in the Safire Smart ecosystem. This series integrates advanced and comprehensive artificial intelligence that achieves an accuracy rate of 99%, one of the highest in the industry. In addition, it includes functionalities such as facial capture or video metadata analysis for feature extraction (up to 13 human, 5 vehicle and 2 two-wheeled vehicle features). In this series, cameras with different resolutions (4MP and 8MP) are available with different features to adjust with the best functionalities to the needs and characteristics of each installation.

- Bullet IP camera range I1 AI Advanced
- Resolution 4 Megapixel (2592x1520)
- Motorized Lens 2.8-12 mm | Audio | IR 70m
- Advanced AI: Perimeter, Facial, Counting, Metadata
- Waterproofing IP67 | PoE (IEEE802.3af) | Alarm



## Technical Specification

Camera	
Image Sensor	1/2.5" Progressive Scan CMOS
Image Size	3296×1856
Electronic Shutter	1/3 s ~ 1/100000 s
Iris Type	DC Iris
Min. Illumination	0.005 lux (F1.6, AGC ON), 0 lux with IR
Lens	2.7~13.5mm@F1.6
Focus	Motorized
Lens Mount	ø14
Wide Dynamic Range	120dB
BLC	Yes
HLC	Yes
Defog	Yes
S/N Ratio	≥50dB
Digital NR	3D DNR
Angle Adjustment	Pan: 0°~360°; Tilt:0°~90°; Rotation: 0°~360°
Image	
Video Compression	Main stream: H.265+ / H.265 / H.264+ / H.264 Sub stream: H.265+ / H.265 / H.264+ / H.264 / MJPEG Third stream: H.265+ / H.265 / H.264+ / H.264 / MJPEG
H.264 Compression Standard	Baseline Profile/Main Profile/High Profile
Resolution	6MP (3296×1856),3K(3200×1800),4MP (2688×1520),2K (2560×1440), 1080P (1920×1080), 720P (1280×720 ), D1, VGA (640 ×480), 640 ×360, CIF, 480×240
Main Stream	6MP/3K/4MP/2K/1080P(60Hz : 1 ~ 30fps; 50Hz: 1~25fps)
Sub Stream	1080P/720P/D1/VGA/640×360/CIF/480×240(60Hz:1~30fps; 50Hz:1~25fps)
Third Stream	720P/D1/CIF/480×240 (60Hz : 1 ~ 30fps; 50Hz: 1~25fps)
Bit Rate	32 Kbps ~10 Mbps
Bit Rate Type	VBR / CBR
Audio Compression	G711A / U
Image Settings	ROI, Saturation, Brightness, Hue, Contrast, Wide Dynamic, Sharpness, Image Mirror, Image Flip, NR, etc. adjustable through client software or web browser
ROI	Each ROI to be configured separately

## Interfaces

<b>Network</b>	RJ 45 10M/100M self-adaptive Ethernet port
<b>Video Output</b>	CVBS output (BNC × 1)
<b>Audio</b>	1CH audio input; 1CH audio output
<b>Storage</b>	Built-in micro SD card slot; up to 256GB
<b>Reset</b>	Yes
<b>Alarm</b>	1CH alarm input; 1CH alarm output

## Functions

<b>Remote Monitoring</b>	Web Client/NVR/NVMS2.0/Mobile APP
<b>Web Browser</b>	Chrome 92.0+/Edge 92.0+/Firefox 91.0+/Safari 13.1+
<b>Online Connection</b>	Support simultaneous monitoring for up to 10 users; Support multi-stream real time transmission
<b>Network Protocol</b>	UDP, IPv4, IPv6, DHCP, NTP, RTSP, RTP, RTCP, PPPoE, DDNS, SMTP, FTP, SNMP, RTMP, HTTP, 802.1x, UPnP, HTTPS, QoS
<b>Interface Protocol</b>	ONVIF Profile S/G/M/T
<b>Storage</b>	Network remote storage; micro SD card storage
<b>Smart Alarm</b>	Motion detection, SMD, sensor alarm, SD card error, SD card full, IP address conflict, cable disconnection, light alarm, audio alarm
<b>General Function</b>	Watermark, video mask, heartbeat, image distortion correction, smart IR, smart supplement light, system backup, corridor pattern, ANR, cloud upgrade, disarming
<b>Security</b>	Firmware encryption, HTTPS encryption, configuration encryption, illegal login lock, IP address filtering, 802.1x authentication, basic and digest authentication for HTTP/RTSP/API service
<b>PoE</b>	Yes , IEEE802.3af
<b>IR Distance</b>	50 ~ 70 m   40 ~ 50 m
<b>Ingress Protection</b>	IP66 & IK10

## Intelligent Analytics (Smart Events)

<b>Perimeter Detection</b>	Line crossing, region entrance/exiting/intrusion (human/motor vehicle/ non-motor vehicle classification)
<b>Statistics</b>	Target counting by line/area, heat map
<b>Exception Detection</b>	Scene change, video blur and abnormal color detection
<b>Face Detection</b>	Face detection and face capture
<b>Video Metadata</b>	Simultaneously captures human body, motor vehicle and non-motor vehicle and extracts 13 human features, 5 motor vehicle features and 1 non-motor vehicle feature
<b>Other Events</b>	Abandoned/missing object detection

## DORI Distance

<b>Detect</b>	W: 69m(226ft) T: 204m(669ft)
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<b>Observe</b>	W: 27m(90ft) T: 81m(266ft)
<b>Recognize</b>	W: 13m(45ft) T: 40m(133ft)
<b>Identify</b>	W: 6m(22ft) T: 20m(66ft)
<b>Others</b>	
<b>Power Supply</b>	DC12V/PoE
<b>Power Consumption</b>	< 12W
<b>Storage Conditions</b>	- 30 °C ~ 65°C (-22°F~149°F), Humidity: less than 95 % (non-condensing)
<b>Operating Conditions</b>	- 30 °C ~ 60 °C (-22°F~140°F), Humidity: less than 95 % (non-condensing)
<b>Dimensions ( mm )</b>	278.3 × 100.2 × 88.7
<b>Weight ( net )</b>	Approx. 1.223KG
<b>Installation</b>	Ceiling mounting; wall mounting
<b>Certificate</b>	CE, FCC
<b>Environmental Protection</b>	Directive EU RoHS, WEEE(2012/19/EU) , directive 94/62/EC and REACH(EC1907/2006)