

IP / Professional IP cameras

SF-IPSD6025IA-2U-AI

6-inch IP Speed Dome Camera

Ultra Low Light Speed Dome

Optimal definition and highest quality with resolution up to 4K. Optical zoom up to 32X for unparalleled detail in recordings, unaffected by scene conditions, as Ultra Low Light technology and 120dB wide dynamic range ensure the best possible view. Automatic detection and tracking (Available on models with Auto-Tracking function only) technology, keeping the target under control at all times.

- 2 Megapixels Resolution
- 1/2.8" Ultra Low Light Sensor
- 25X Optical Zoom
- H.265+ High Efficiency Video Codec
- POE+ Power over Ethernet
- IR LED Up 100m
- IP66 Weatherproof
- Truesense: Filtro de falsa alarma de humanos y vehículos



Technical Specification

Image Sensor	1/2.8 μ progressive scan CMOS
Min. Illumination	0 Lux with IR,color: 0.005Lux @ (F1.6 μ AGC ON); B/W: 0.001Lux @ (F1.6 μ AGC ON)
Shutter Speed	1/1s-1/30000s
Slow Shutter	yes
Focus	Semi-auto, manual, auto
Day & Night	ICR
Day/Night Switch	day, night, auto, scheduled-switch
BLC	yes
WDR	120 dB WDR
HLC	yes
3D DNR	yes
Defog	yes
EIS	yes
Regional Exposure	yes
Regional Focus	yes
Image Settings	brightness, contrast, sharpness, saturation
White Balance	auto, ATW, sodium lamp, indoor, fluorescent lamp, outdoor, MWB, Locked WB, Locked WB
Digital Zoom	16x
Optical Zoom	25x
Privacy Mask	up to 24 masks, polygon region, mosaic mask, mask color configurable
SNR	\approx 52dB
Focal Length	4.8 mm to 120 mm, 25 \times Optical
Zoom Speed	approx. 3.6 s
FOV	Horizontal field of view: 57.6 $^{\circ}$ to 2.5 $^{\circ}$ (wide-tele), Vertical field of view: 34.4 $^{\circ}$ to 1.4 $^{\circ}$ (wide-tele), Diagonal field of view: 64.5 $^{\circ}$ to 2.9 $^{\circ}$ (wide-tele)
Aperture	F1.6
IR Distance	100 m
Movement Range (Pan)	360 $^{\circ}$
Movement Range (Tilt)	-15 $^{\circ}$ to 90 $^{\circ}$ (auto flip)
Pan Speed	pan speed: configurable from 0.1 $^{\circ}$ to 80 $^{\circ}$ /s; preset speed: 80 $^{\circ}$ /s
Tilt Speed	tilt speed: configurable from 0.1 $^{\circ}$ to 80 $^{\circ}$ /s, preset speed 80 $^{\circ}$ /s

Proportional Zoom	yes
Presets	300
Patrol Scan	8 patrols, up to 32 presets for each patrol
Pattern Scan	4 pattern scans
Power-off Memory	yes
Park Action	preset, pattern scan, patrol scan, auto scan, tilt scan, random scan, frame scan, panorama scan
3D Positioning	yes
PTZ Status Display	yes
Preset Freezing	yes
Scheduled Task	preset, pattern scan, patrol scan, auto scan, panorama scan, random scan, tilt scan, frame scan, dome reboot;dome adjust;aux output
Max. Resolution	1920 × 1080
Stream Type	main stream, sub-stream, third stream
Main Stream	50Hz: 25fps (1920 × 1080, 1280 × 960, 1280 × 720) 60Hz: 30fps (1920 × 1080, 1280 × 960, 1280 × 720)
Sub-Stream	50Hz: 25fps (704 × 576, 640 × 480, 352 × 288) 60Hz: 30fps (704 × 480, 640 × 480, 352 × 240)
Third Stream	50Hz: 25fps (1920 × 1080, 1280 × 960, 1280 × 720, 704 × 576, 640 × 480, 352 × 288) 60Hz: 30fps (1920 × 1080, 1280 × 960, 1280 × 720, 704 × 480, 640 × 480, 352 × 240)
Video Compression	H.265, H.264, MJPEG
Video Bit Rate	32kbps to 16384kbps
H.264 Type	Baseline profile, main profile, high profile
H.265 Type	main profile
H.264+	yes
H.265+	yes
SVC	yes
ROI	dynamic face tracking, main stream, sub-stream and third stream respectively support eight fixed areas;fixed region
Audio Compression	G.711alaw, G.711ulaw, G.722.1, G.726, MP2L2, PCM
Audio Bit rate	MP2L2: 32 kbps, 40 kbps, 48 kbps, 56 kbps, 64 kbps, 80 kbps, 96 kbps, 112 kbps, 128 kbps, 144 kbps, 160 kbps, 192 kbps;MP2L2: 32 kbps, 40 kbps, 48 kbps, 56 kbps, 64 kbps, 80 kbps, 96 kbps, 112 kbps, 128 kbps, 144 kbps, 160 kbps;192kbps
Audio Sampling Rate	MP2L2: 16 kHz, 32 kHz, 48 kHz, PCM: 8 kHz, 16 kHz, 32 kHz, 48 kHz
Environment Noise Filtering	yes
Face Capture	yes
Basic Event	audio exception;motion detection;video tampering alarm;exception
Smart Event	intrusion detection, line crossing detection, region entrance detection, region exiting detection, unattended baggage detection, object removal detection

Smart Record	ANR, Dual-VCA
Alarm Linkage	preset, patrol scan, pattern scan, memory card video recording, alarm output, sending email, notify surveillance center, upload to FTP
Network Storage	NAS (NFS, SMB/ CIFS), ANR
Protocols	IPv4/IPv6, HTTP, HTTPS, 802.1x, Qos, FTP, SMTP, UPnP, SNMP, DNS, DDNS, NTP, RTSP, RTCP RTP, TCP/IP, UDP, IGMP, ICMP, DHCP, PPPoE, Bonjour
API	ISAPI, Safire SDK, ONVIF (Profile S, Profile G, Profile T), ISUP, Safire Connect
Simultaneous Live View	20
User/Host	32
Smooth Streaming	yes
Security Measures	Authenticated username and password, MAC address binding, HTTPS encryption, 802.1X authenticated access;IP address filter
Client	Safire Control Center, Safire Connect
Web Browser	IE 8 to 11, Chrome 57+, Firefox 52+, Safari 12+
Communication Interface	1 RJ45 10 M/100 M Ethernet interface; PoE (802.3at);RJ45, self-adaptive 10M/100M Ethernet port
On-board Storage	support microSD/microSDHC/microSDXC cards;up to 256 GB
Alarm Input	1 alarm input
Alarm Output	1 alarm output
Audio Input	1 audio input, 2.0 to 2.4Vp-p, 1k Ohm±10%
Audio Output	1 audio output, line level, impedance: 600 Ω
Power	12 VDC,PoE(802.3at)
Power Consumption and Current	Max. 24 W, including max. 9 W for supplement light
Operating Conditions	humidity lower than 90%RH, temperature: -30 Ω to 65 Ω (-22°F to 149°F)
Reset	yes
Material	ADC 12, PC, PC+10% GF
Dimensions	Ω 164.5 mm \times 290 mm (Ω 6.48" \times 11.42")
	Approx. 2 kg (4.41 lb)
Protection	IP66, 4000V Lightning Protection, Surge Protection and Voltage Transient Protection