

CCTV IP / Professional IP cameras

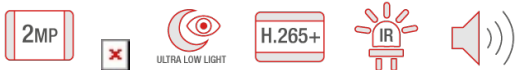
SF-IPSD6525A-2P

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 45X 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
- 1/2.5" Ultra Low Light Sensor
- 25X Optical Zoom
- H.265+ High Efficiency Video Codec
- POE+ Power over Ethernet
- AUDIO Input/Output and relay output



Technical Specification

FOV	Horizontal field of view: 57.6° to 2.5° (Wide-Tele), Vertical field of view: 34.4° to 1.4° (Wide-Tele),
Zoom Speed	Approx. 3.6 s (optical lens, wide-tele)
Working Distance	10 mm to 1500 mm (wide-tele)
Aperture Range	F1.6 to F3.5
Focal Length	4.8 mm to 120 mm, 25× optical zoom
Image Enhancement	HLC/BLC/3D DNR/Defog/EIS/Regional Exposure/Regional Focus
Sub-Stream	50Hz: 25fps (704 × 576, 640 × 480, 352 × 288), 60Hz: 30fps (704 × 480, 640 × 480, 352 × 240)
Max. Resolution	1920 × 1080
Main Stream	50Hz: 25fps (1920 × 1080, 1280 × 960, 1280 × 720) 50fps (1280 × 960, 1280 × 720); 60Hz: 30fps (1920 × 1080, 1280 × 960, 1280 × 720) 60fps (1280 × 960, 1280 × 720)
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)
Network Storage	Built-in memory card slot, support Micro SD/SDHC/SDXC, up to 256 GB; NAS (NPS, SMB/ CIPS), 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	ONVIF (Profile S, Profile G, Profile T), ISAPI, SDK
Simultaneous Live View	Up to 20 channels
User/Host	Up to 32 users,3 levels: Administrator, Operator and User
Client	Safire Control Center, Safire Connect, iVMS-5200, Safire Connect
Web Browser	IE 8 to 11, Chrome 31.0+, Firefox 30.0+, Edge 16.16299+
Security Measures	User authentication (ID and PW), Host authentication (MAC address); HTTPS encryption; IEEE 802.1x port-based network access control; IP address filtering
Alarm Linkage	Alarm actions, such as Notify Surveillance Center, Upload to FTP, Send Email, Trigger Recording, Recording Linkage, and Alarm Input, etc.
Alarm Output	1 alarm output
Alarm Input	1 alarm input
Audio Input	1 audio input
Audio Output	1 audio output
Network Interface	1 RJ45 10 M/100 M Ethernet, PoE+ (802.3 at, class4)
H.264+	Support
H.265+	Support
H.264 Type	Baseline Profile/Main Profile/High Profile
Video Compression	Main Stream: H.265+/H.265/H.264+/H.264,Sub-stream: H.265/H.264/MJPEG,Third Stream: H.265/H.264/MJPEG

H.265 Type	Main Profile
Video Bitrate	256 Kbps to 16384 Kbps
Audio Compression	G.711alaw/G.711ulaw/G.722.1/G.726/MP2L2/PCM
Audio Bitrate	G.711alaw/G.711ulaw: 64 Kbps,G.722.1/G.726: 16 Kbps,MP212/PCM: 32 Kbps/64 Kbps/128 Kbps
SVC	Support
Image Sensor	1/2.8" progressive scan CMOS
Min. Illumination	Color: 0.005 Lux @(F1.6, AGC ON),B/W: 0.001 Lux @(F1.6, AGC ON)
White Balance	Auto/Manual/ATW (Auto-tracking White Balance)/Indoor/Outdoor/Fluorescent Lamp/Sodium Lamp
Gain	Auto/Manual
Shutter Time	50Hz: 1/1 s to 1/30,000 s,60Hz: 1/1 s to 1/30,000 s
Day & Night	IR Cut Filter
Digital Zoom	16×
Privacy Mask	24 programmable privacy masks
Focus Mode	Auto/Semi-automatic/Manual
WDR	120 dB WDR
Movement Range (Pan)	360° endless
Pan Speed	Configurable, from 0.1°/s to 160°/s, ,Preset speed: 160°/s
Movement Range (Tilt)	From 0° to 90° (auto-flip)
Tilt Speed	Configurable, from 0.1°/s to 120°/s,Preset Speed: 120°/s
Proportional Zoom	Support
Presets	300
Patrol Scan	8 patrols, up to 32 presets for each patrol
Pattern Scan	4 pattern scans, record time over 10 minutes for each scan
Power-off Memory	Support
Park Action	Preset/Pattern Scan/Patrol Scan/Auto Scan/Tilt Scan/Random Scan/Frame Scan/Panorama Scan
3D Positioning	Support
PTZ Status Display	Support
Preset Freezing	Support
Scheduled Task	Preset/Pattern Scan/Patrol Scan/Auto Scan/Tilt Scan/Random Scan/Frame Scan/Panorama Scan/Dome Reboot/Dome Adjust/Aux Output
Basic Event Detection	Motion Detection, Alarm Input, Alarm Output, Video Tampering Detection, Exception
Smart Detection	Intrusion Detection, Line Crossing Detection, Region Entrance Detection, Region Exiting Detection, Object Removal Detection, Unattended Baggage Detection, Audio Exception Detection
Smart Record	ANR (Automatic Network Replenishment), Dual-VCA

ROI	Main stream, sub-stream, and third stream respectively support four fixed areas.
Material	ADC 12, PC+ABS, PC/PMMA
Dimensions	Ceiling mounting model: □ 165 mm × 179.5 mm (□ 6.50" × 7.07") ,In-ceiling mounting model: □ 165 mm × 168 mm (□ 6.50" × 6.61")
	Approx. 2 kg (4.41 lb)
Protection Level	4000V Lightning Protection, Surge Protection and Voltage Transient Protection
Power	12 VDC and PoE+ (802.3 at, class4),Max.: 18 W
Working Temperature	-10°C to 50°C (-14°F to 122°F)
Working Humidity	≤ 90%