IriVision SAS

H.265+ Weather-proof (5MP) Mini Dome Network Camera

IV-SFD5100
- IP67
- IK10

Features: H.265+ HEVC | Starlight | WDR | IR | Weather Proof | Vandal-proof | 3-Axis | Microphone | SDHC | PoE | GQST OnVIF | VCA
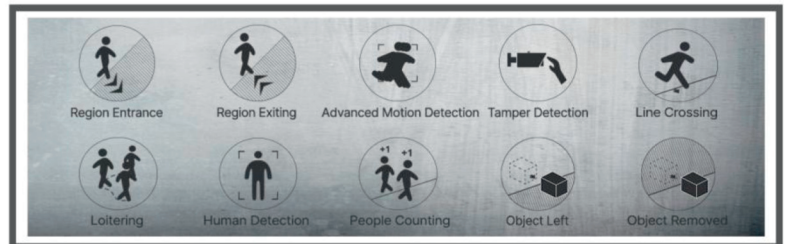
KEY FEATURES

» **Smart Stream** (Bandwidth, storage and bit rate are saved with Smart Stream ON, eg, H.265+ saves 70%~80% bandwidth that of H.264.)

» **Advanced Functions** (Boasting to support various advanced functions such as HLC, Defog, ROI.)

» **Built-in Microphone** (Supporting audio function to hear what is happening in front of the camera.)

» **SIP** (Session Initiation Protocol. Providing audio/alarm/intercom and video streaming for mobile phones and video phones.)

» **3-Axis Mechanical Design** (Featuring 3-axis mechanical design for fast and easy adjustment of the camera's viewing angle.)
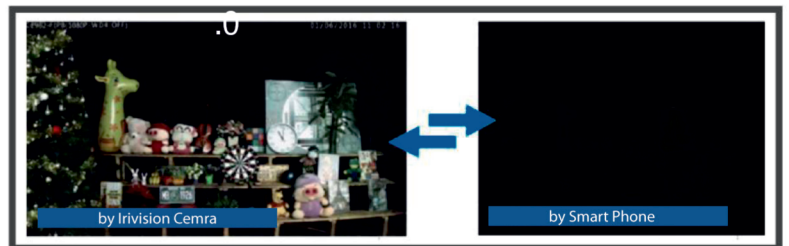
Video Content Analysis

Irivision't VCA with 10 detection modes provides advanced, accurate smart video analysis fo Irivision't network cameras, enabling the comprehensive surveillance function and quicker response to different monitoring scenes.

Region Entrance | Region Exiting | Advanced Motion Detection | Tamper Detection | Line Crossing
Loitering | Human Detection | People Counting | Object Left | Object Removed

0.008LUX Vitra Low Light

The starlight camera is able to deliver high detailed color images even in low light environment reaching 0.008LUX(Color) or 0Lux(B/W), and near infrared light environments without any supplementary lighting.

by Irivision Cemra | by Smart Phone

120dB WDR

Irivision's WDR technology allows the camera to record greater scene details with true color reproduction even under the extreme back light and high contrast conditions. The ratio that the brightest light signal values divided by the darkest light signal values is up to 120dB .

Irivision WDR OFF | Irivision WDR ON

IP67&IK10

Supporting IP67-rated weather proofing and IK10-rated vandal proof which are the leading level of the industry, the camera is well protected against adverse impact to ensure the performance.

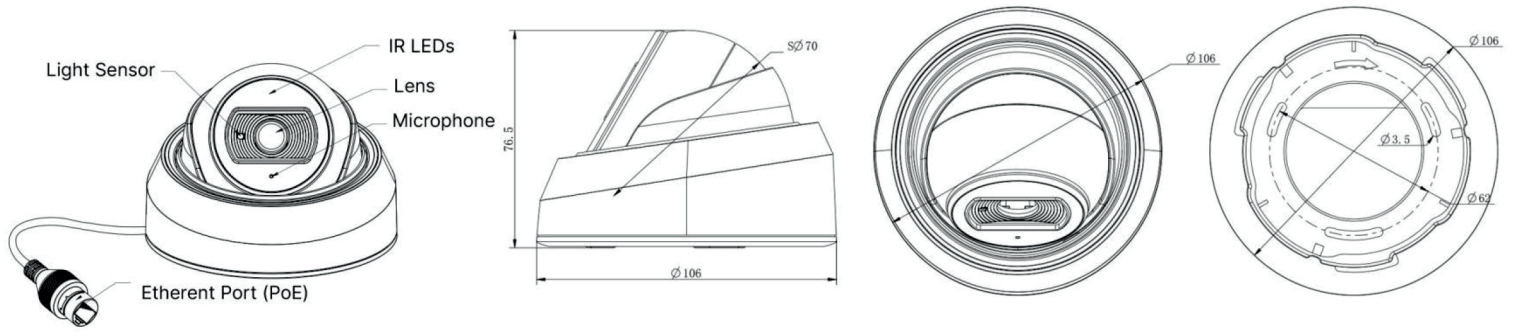| Model	IV-SFD5100 (5MP)		
Camera	Image Sensor	1/2.8" Progressive Scan CMOS	
	Min. Illumination	Color: 0.008Lux@F1.6 B/W: 0Lux with IR on	
	WDR	120dB WDR	
	Lens	2.8mm@1.6	
	Mount	M12	
	Field of View	H113°/D144°/V84°(2.8mm)	
	Shutter Time	1/100000s~1s	
	IR Distance	Up to 25m	
	Day/Night Mode	Day/Night/Auto/Customize/Schedule	
	S/N	>55dB	
Video	Max. Image Resolution	2592x1944	
	Primary Stream	20fps@(2592x1944), 30fps@(2048x1536, 1920x1080, 1280x960, 1280x720, 704x576)	
	Secondary Stream	30fps@(704x576, 640x480, 640x360, 352x288, 320x240, 320x192, 320x180)	
	Tertiary Stream	30fps@(1920x1080, 1280x720, 704x576, 640x480, 640x360, 320x240, 320x192, 320x180)	
	Video Compression	H.265⁺/H.265(HEVC)/H.264⁺/H.264/MJPEG	
	Video Bit Rate	16Kbps~16Mbps(CBR/VBR Adjustable)	
	Privacy Masking	Up to 8 areas	
	ROI	Up to 8 areas	
	Image Setting	Brightness/Contrast/Saturation/Sharpness	
Interface	Ethernet	1*RJ45 10M/100M Ethernet Port	
	Audio Interface	Built-in Microphone	
Network	Network Storage	NAS(Support NFS, SMB/CIFS), ANR	
	Protocol	IPv4/IPv6, ARP, TCP, UDP, RTCP, RTP, RTSP, RTMP, HTTP, HTTPS, DNS, DDNS, DHCP, FTP, NTP, SMTP, SNMP, UPnP, Bonjour, SIP, PPPoE, VLAN, 802.1x, QoS, IGMP, ICMP, SSL	
Audio	Audio Compression	G.711/AAC/G.722/G.726	
	Audio Sampling Rate	8/16KHz	
	Audio Bit Rate	16~96kbps	
	Two-way Audio	N/A	

System	Storage	Support microSD/SDHC/SDXC Card Local Storage, up to 256G
	Advanced Function	BLC, HLC, 2D DNR, 3D DNR, Defog, AWB, EIS, IP Address Filtering, AGC, Anti-flicker, Corridor Mode, Deblur, Watermark
	SIP/VoIP Support	Yes, Voice & Video-over-IP
	Event Trigger	Motion Detection, Network Disconnection, Audio Alarm, etc.
	Event Action	FTP Upload, SMTP Upload, SD Card Record, SIP Phone, HTTP Notification, etc.
	Video Analysis	Region Entrance, Region Exiting, Advanced Motion Detection, Tamper Detection, Line Crossing, Loitering, Human Detection, People Counting, Object Left, Object Removed
	System Compatibility	ONVIF Profile G & Q & S & T, API
General	Working Temperature	-40℃~60℃
	Working Humidity	0~90%(Non-condensing)
	Power Supply	PoE (802.3af)
	Power Consumption	2.5W MAX 4W MAX (With IR on)
	Housing	Vandal-proof IK10 / Up to IP67-rated for Weather-resistant Performance
	Weight	410g
	Dimensions	Φ106mmX76.5mm
	Warranty	2 Years

V7.21

Structure Diagrams

Junction Box Version

Light Sensor

IR LEDs

Lens

Microphone

Etherent Port (PoE)

SØ70

76.5

Ø106

Ø106

Ø106

Ø3.5

Ø60

Units: mm

Accessories Support

Pole Mount

Weight: 720g
Dimensions: 170*51.5*152.6mm

External Corner Bracket

Weight: 900g
Dimensions: 170*152.5*76.3mm

Wall Mount

Weight: 530g
Dimensions: 162*124*78 mm

Recessed Mount

Weight: 450g
Dimensions: 168.9*168.9*91.3mm

Junction Box

Weight: 270g
Dimensions: φ122*45.5mm