INSDO5IRHEM

5 MP H265 360 Degree Network Hemispheric IR Camera W/SD Slot

LiteAI
Edge Analytics

- 1/2.7" 5 Megapixel progressive scan CMOS

- 120dB WDR, 3D DNR, HLC, BLC

- H.265+ / H.264+ triple-stream encoding

- 1/1 Alarm in/out, 1/1 audio in/out

- People counting in multiple areas, heat map and track map

- Micro SD card up to 256GB

Unify your Security Solution
People Counting function works with deep learning algorithms.
This new function can analyze and detect human bodies and also tracking objects in real-time. This advanced feature provides statistics from the entrance and exit of subjects and has an accuracy of 95%.

Smart H.265+ & H.264+
STORM smart encoding technology can provide high-quality video with higher efficiency and can also reduce the cost of storage space and transmission adopting an advanced algorithm of auto stream control.

On-board Analytics
This camera responds accurately to specific events in a given area. Our algorithm enables Tripwire violations, intrusion detection, abandoned/missing objects and much more. Facilitate your viewing experience using on the edge analytics – one product, multiple features.

ARKIV

storm+

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inaxsys
SECURITY SYSTEMS INC.

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Camera	
Image Sensor	1/2.7" 5 Megapixel progressive scan CMOS
Effective Pixels	2592 (H) × 1944 (V)
RAM/ROM	512 MB / 128 MB
Scanning System	Progressive
Electronic Shutter Speed	Auto/Manual 1/3 s–1/100,000 s
Minimum Illumination	0.006 Lux at F2.0 (Color, 30IRE); 0.0006 Lux at F2.0 (B/W, 30IRE) 0 Lux (Illuminator on)
S/N Ratio	More than 56 dB
IR Distance	10m(33ft)
IR LEDs	3
Camera Features	
Day/Night	Auto(ICR) / Color / B/W
Backlight Compensation	BLC / HLC / WDR 120dB
White Balance	Auto / Natural / street lamp / Outdoor / Manual / Regional Custom
Gain Control	Manual
Noise Reduction	3D DNR
Smart Illumination	Supported
Region of Interest	Yes (4 areas)
Privacy Masking	4 areas
Lens	
Lens Type	Fixed Lens
Mount Type	M12
Focal Length	1.4 mm
Max. Aperture	F2.0
Viewing Angle	Horizontal: 185.0° Vertical: 180.0° Diagonal: 180°

DORI Distance	Detect	Observe	Recognize	Identify
	28 m (91.9 ft)	11.2 m (36.7 ft)	5.6 m (18.4 ft)	2.8 m (9.2 ft)

Video		
Compression	H.265+, H.264+, H.265, H.264, MJPEG (only supported by the sub stream)	
Resolution	5M (2592 × 1944); 3M (2048 × 1536); UXGA (1600 × 1200); 1.3M (1280 × 960); 720p (1280 × 720); D1 (704 × 576/704 × 480); VGA (640 × 480); CIF (352 × 288/352 × 240)	
Frame Rate	Main Stream: 2592 × 1944 at 1–25/30 fps	
	Sub stream: 704 × 576 at 1–25 fps	Third stream: 1280 × 720 at 1–25/30 fps
Bit Rate	H.264: 3 kbps – 8192 kbps H.265: 3 kbps – 8192 kbps	

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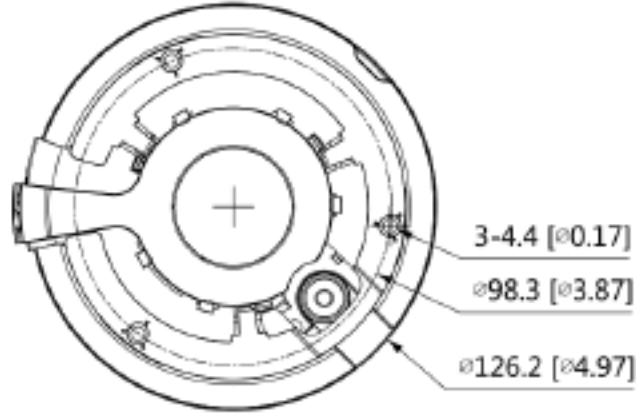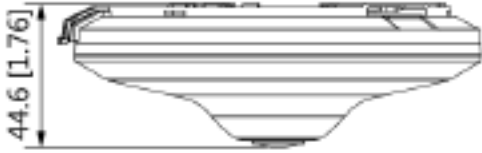| Lite AI	
People Counting	Supports people counting in area, and displaying and outputting yearly/monthly/daily reports (matching devices are needed); support people counting in 4 areas
Intelligent Search	Work together with Smart NVR to perform refine intelligent search, event extraction and merging to event videos.
Smart Features	Area protector, Intrusion, Tripwire
Audio	
Audio Compression	PCM; G.711a; G.711Mu; G726
Audio I/O	1/1 RCA ports; Built-in microphone
Alarm	
Alarm Event	No SD card; SD card full; SD card error; network disconnection; IP conflict; illegal access; motion detection; video tampering; tripwire; intrusion; scene changing; audio detection; voltage detection; external alarm; people counting in area; stay alarm; people counting; people No. exception detection; safety exception
Alarm I/O	1 channel in: 5mA 3V–5V DC 1 channel out: 300mA 12V DC
Network	
Cyber Security	Video encryption; firmware encryption; configuration encryption; Digest; WSSE; account lockout; security logs; IP/MAC filtering; generation and importing of X.509 certification; syslog; HTTPS; 802.1x; trusted boot; trusted execution; trusted upgrade
Storage	NAS; SFTP; FTP; Micro SD Card up to 256 GB
Management Software	STORM, STORM+, ARKIV
Protocol	IPv4; IPv6; HTTP; TCP; UDP; ARP; RTP; RTSP; RTCP; RTMP; SMTP; FTP; SFTP; DHCP; DNS; DDNS; QoS; UPnP; NTP; Multicast; ICMP; IGMP; NFS; PPPoE; SNMP
Compatibility	ONVIF (Profile S/Profile G/Profile T); CGI; Milestone; Genetec; P2P
Maximum User Access	20
General	
Power Supply	12V DC / PoE
Power Consumption	Basic power consumption: 3.6W (12V DC); 4.4W (PoE) Max. power consumption (H.265 + IR on + intelligent function + WDR): 7.3W (12V DC); 8.8W (PoE)
Working Environment	−10°C to +50°C (14°F to +122°F); Less than 95% RH
Dimensions	44.6 mm × Φ126.2 mm (1.8" × Φ5.0")
Weight	299 g (0.7 lb)

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44.6 [1.76]

3-4.4 [⌀0.17]
⌀98.3 [⌀3.87]
⌀126.2 [⌀4.97]

**INSX203
Wall Mount**

**INSX152
Pole Mount**

**VUSD128G
Micro SD Card**

Ceiling Mount	Wall Mount

Pole Mount(Vertical)

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