INSDO8IRHEM

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

LiteAI
Edge Analytics

- 1/1.7" 8 Megapixel progressive scan CMOS

- Multiple dewarped Mode

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

- 2/2 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.

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Camera	
Image Sensor	1/1.7" 8 Megapixel progressive scan CMOS
Effective Pixels	3280(H) x 2480(V)
RAM/ROM	4GB / 2GB
Scanning System	Progressive
Electronic Shutter Speed	Auto/Manual 1/3 s–1/100,000 s
Minimum Illumination	0.01 Lux at F2.0 (Color, 30IRE); 0.001 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 / DWDR
White Balance	Auto / Natural / street lamp / Outdoor / Manual / Regional Custom
Gain Control	Manual
Noise Reduction	3D NR
Defog	Yes
Region of Interest	Yes (4 areas)
Privacy Masking	4 areas
Lens	
Lens Type	Fixed Lens
Mount Type	M12
Focal Length	1.29 mm
Max. Aperture	F2.0
Viewing Angle	Horizontal: 185.0° Vertical: 180.0°

DORI Distance	Detect	Observe	Recognize	Identify
	27.9 m (91.54 ft)	11.2 m (36.75 ft)	5.6 m (18.37 ft)	2.8 m (9.19 ft)

Video			
Compression	H.265+, H.264+, H.265, H.264, MJPEG (only supported by the sub stream)		
Resolution	3280 × 2480; 2880 × 2160; 2048 × 1536; 1280 × 960; D1 (704 × 576/704 × 480); CIF (352 × 288/352 × 240)		
Frame Rate	Main Stream: 3280 × 2480 (1 to 25/30 fps)		
	Sub stream: 704 × 576 (1 fps to 25/30 fps)		Third stream: 1280 × 960 (1 fps to 25/30 fps)
Bit Rate	H264: 8 kbps–16384 kbps H265: 3 kbps–13891 kbps		

INAXSYS
SECURITY SYSTEMS INC.

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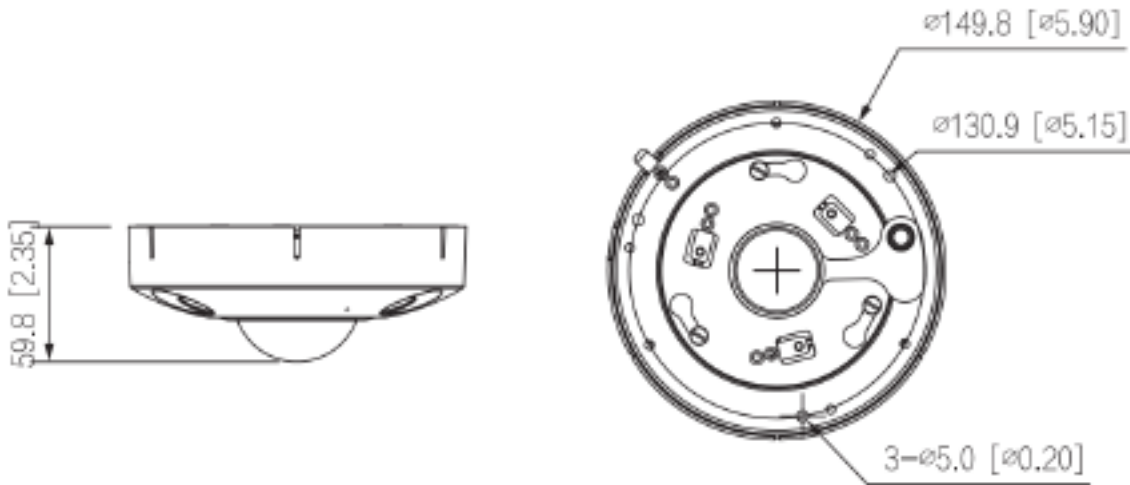| Lite AI	
People Counting	Supports 4 rules to count the number of people entering, exiting, and staying separately. It will trigger alarm linkage when the number of people who entering, exiting or staying exceeds the threshold. It can display and export reports based on year, month, day, week, day or custom time. Supports 4 rules to count the number of people in area and will trigger alarm linkage when the average strand time or people number in the area exceeds the threshold. It can display and export reports based on year, month, day, week, day or custom time.
Intelligent Search	Use STORM Smart NVR to perform refine intelligent search, event extraction and merging to event videos
Smart Features	Intrusion, Tripwire
Audio	
Audio Compression	PCM; G.711A; G.711Mu; G.726; G.723
Audio I/O	1/1; Built-in microphone
Alarm	
Alarm	2 channel In: 5mA 3V–5V DC 2 channel Out: 1,000mA 30V DC/500mA 50V 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	SFTP; FTP; NAS; 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; SAMBA; PPPoE; SNMP
Compatibility	ONVIF (Profile S/Profile G/Profile T); CGI; Milestone; Genetec
Network Port	RJ-45 (10/100/1000 Base-T)
General	
Power Supply	12V DC / POE+ (802.3at)
Power Consumption	Less than 13.9W
Working Environment	-40°C to +55°C (–40 °F to +131 °F) / Less than 95% RH
Protection	IP67, IK10
Dimensions	59.8 mm × Φ149.8 mm (2.35" × Φ5.9")
Weight	2.67 lbs (1.21 kg)

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∅149.8 [∅5.90]

∅130.9 [∅5.15]

59.8 [2.35]

3—∅5.0 [∅0.20]

**INSX100
Mount Adapter**

**INSX300
Ceiling Mount**

**INSX132
Junction Box**

Junction Box	Celing Mount	Wall Mount
INSX132	**INSX300C + INSX100**	**INSX302 + INSX100**
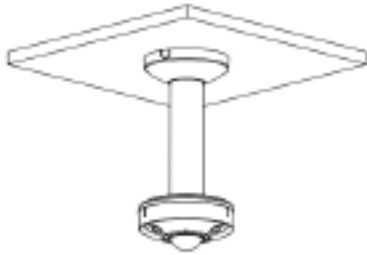
**INSX302
Wall Mount**

**VUSD256G
Micro SD Card**

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