

INSD04IRWSA

4.1 MP H265 Auto Focus WDR 120DB Network Dome Camera W/SD Slot

- 4MP, 1/3" CMOS image sensor, low illuminance
- Outputs max. 4MP (2688 × 1520) at 30 fps
- H.265 codec, high compression rate, ultra-low bit rate
- Built-in IR LED, max IR distance: 40 m
- Intelligent detection: Intrusion, tripwire (support the classification and accurate detection of vehicle and human)

Unify your Security Solution

This new function was made to improve drastically your surveillance system efficiency and reduce your false alarms count. Area Protector allows you to custom your tripwires based on a specific object such as pedestrians or vehicles. Combined with real-time alerts on your monitoring device, this function will be key for any zone surveillance.

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.

LiteAI
Edge Analytics



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Product Specifications

Camera					
Image Sensor	1/3" 4 Megapixel progressive CMOS				
Effective Pixels	2688 (H) × 1520 (V)				
RAM/ROM	128MB/128MB				
Scanning System	Progressive				
Electronic Shutter Speed	Auto/Manual 1/3 s–1/100,000 s				
Minimum Illumination	0.008 Lux at F1.5				
S/N Ratio	More than 56 dB				
IR Distance	40 m (131.23 ft)				
IR LEDs	2				
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	Auto/Manual				
Noise Reduction	3D DNR				
Motion Detection	OFF/ON (4 areas, rectangular)				
Region of Interest	Yes (4 areas)				
Smart Illumination	Yes				
Privacy Masking	4 Areas				
Lens					
Lens Type	Motorized vari-focal				
Mount Type	φ14				
Focal Length	2.7 mm–13.5 mm				
Max. Aperture	F1.5				
Viewing Angle	Horizontal: 104°–27° Vertical: 55° –15° Diagonal: 124° –31°				
Pan/Tilt/Rotation	Pan: 0°–355°; Tilt: 0°–75°; D: 0°–355°				
DORI Distance	Lens	Detect	Observe	Recognize	Identify
	W	64.0 m (210.0 ft)	25.6 m (84.0 ft)	12.8 m (42.0 ft)	6.4 m (21.0 ft)
	T	222.0 m (728.3 ft)	88.8 m (291.3 ft)	44.4 m (145.7 ft)	22.2 m (72.8 ft)
Video					
Compression	H.265+; H.264+; MJPEG (only supported on the sub stream)				
Resolution	4M (2688 × 1520); 3M (2304 × 1296); 1080p (1920 × 1080); 1.3M (1280 × 960); 720p (1280 × 720); D1 (704 × 576/704 × 480); VGA (640 × 480); CIF (352 × 288/352 × 240)				
Frame Rate	Main Stream: 2688 × 1520 at 1 to 20 fps				
	Sub stream: 704 × 576 (1 fps to 25 fps); 704 × 480 (1 fps to 30 fps)				
Bit Rate	H.264: 3 Kbps–8192 Kbps H.265: 3 Kbps–8192 Kbps				

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Product Specifications

Lite AI	
Area Protector	Tripwire; intrusion (Recognition of human and vehicles)
Intelligent Search	Work together with the STORM Smart NVR to perform refine intelligent search, event extraction and merging to event videos
Alarm	
Alarm Event	No SD card; SD card full; SD card error; less service time of SD card (smart card supports); network disconnection; IP conflict; illegal access; voltage detection; security exception; motion detection; scene changing; intensity change; tripwire; intrusion; Smart Motion Detection
Network	
Ethernet	RJ-45 (10/100 Base-T)
SDK & API	Yes
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	FTP; SFTP; 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; PPPoE; Bonjour
Compatibility	CGI; P2P; Milestone; Genetec
Maximum User Access	20
Smart Phone	iOS, Android
General	
Power Supply	12V DC/PoE (802.3af)
Power Consumption	Less than 6.5W
Working Environment	-30°C to +60°C (-22°F to +140°F); Less than 95% RH
Protection	IP67, IK10
Dimensions	Φ122 mm × 88.9 mm (Φ4.8" × 3.5")
Weight	1.39 lbs (0.63 kg)

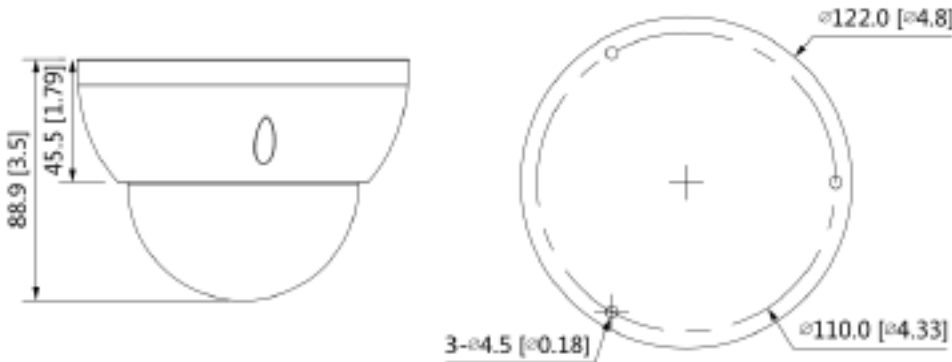
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Product Specifications



INSX200C
Ceiling Mount



INSX137
Junction Box







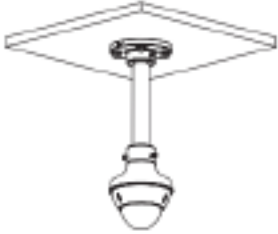

INSX200W
Rain Cover



INSX203
Wall Mount



INSX152
Pole Mount

Junction Mount	Wall Mount	Wall Mount	Pole Mount
INSX137	INSX200W + INSX137	INSX203	INSX203 + INSX152
			
Ceiling Mount	In-Ceiling Mount		
INSX106 + INSX220C	INSX200C		
			



INSX106
Mount Adapter



INSX220C
Ceiling Mount



VUSD256G
Micro SD Card

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