

INSD02IRWA

2.1MP Auto Focus H265 WDR 120 DB
Dome Camera W/SD Slot

- 2MP, 1/2.8" CMOS image sensor, low illuminance
- Outputs 2MP (1920 × 1080) at 25/30 fps
- H.265 codec, high compression rate, ultra-low bit rate
- Built-in IR LED, max IR distance: 40 m
- Intelligent detection: Intrusion, tripwire

Unify your Security Solution

Starlight Technology Improve your levels of security by using our Starlight technology. With its optical features, Starlight Technology will be able to balance all lighting throughout a scene. This will capture any colored details regardless of the lighting.

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.



*Design and specifications are subjects to change without notice.



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Product Specifications

Camera					
Image Sensor	1/2.8" 2 Megapixel progressive CMOS				
Effective Pixels	1920 (H) × 1080 (V)				
RAM/ROM	128MB/128MB				
Scanning System	Progressive				
Electronic Shutter Speed	Auto/Manual 1/3 s–1/100,000 s				
Minimum Illumination	0.002 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 NR				
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	2.7mm–13.5mm				
Max. Aperture	F1.5				
Viewing Angle	Horizontal: 109°–28° Vertical: 57°–16° Diagonal: 131°–33°				
Pan/Tilt/Rotation	Pan: 0°–355°; Tilt: 0°–75°; D: 0°–355°				
DORI Distance	Lens	Detect	Observe	Recognize	Identify
	W	44.1 m (144.69 ft)	17.6 m (57.74 ft)	8.8 m (28.87 ft)	4.4 m (14.44 ft)
	T	151.7 m (497.70 ft)	60.6 m (198.82 ft)	30.3 m (99.41 ft)	15.1 m (49.65 ft)
Video					
Compression	H.265+; H.264+; MJPEG (only supported on the sub stream)				
Resolution	1080p (1920 × 1080); 1.3MP (1280 × 960); 720p (1280 × 720); D1 (704 × 576/704 × 480); VGA (640 × 480); CIF (352 × 288/352 × 240)				
Frame Rate	Main Stream: 1920 × 1080 (1 fps to 25/30 fps)				
	Sub stream: 704 × 576 (1 fps to 25 fps) 704 × 480 (1 fps to 30 fps)				
Bit Rate	H.264: 32 kbps–6144 kbps H.265: 12 kbps–6144 kbps				

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Product Specifications

Intelligent Functions	
Smart Detection	Intrusion; tripwire
Alarm	
Alarm Event	No SD card; SD card full; SD card error; network disconnection; IP conflict; illegal access; motion detection; video tampering; tripwire; intrusion; voltage detection; security exception
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; HTTPS; TCP; UDP; ARP; RTP ; RTSP; RTCP; RTMP; SMTP; FTP; SFTP; DHCP; DNS; DDNS; QoS; UPnP; NTP; Multicast; ICMP; IGMP; NFS; PPPoE; 802.1x; 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 6.4W
Working Environment	-30°C to +60°C (-40°F to +140°F); Less than 95% RH
Protection	IP67, IK10
Dimensions	Φ122 mm × 88.9 mm (Φ4.80" × 3.50")
Weight	1.39 lbs (0.63 kg)

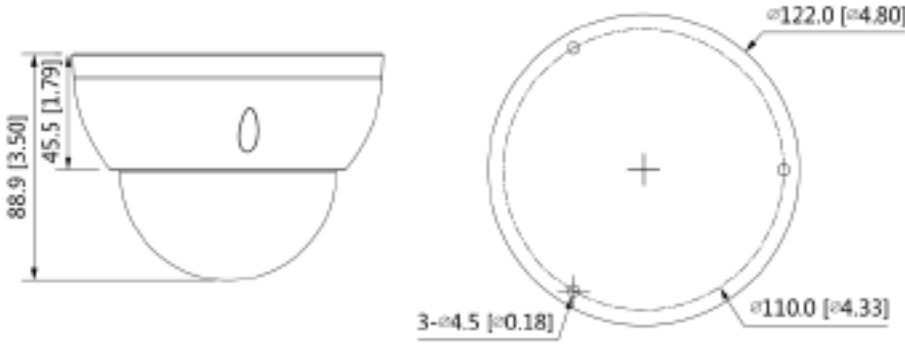
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Product Specifications



INSX200C
In-Ceiling Mount



INSX137
Junction Box



INSX200W
Rain Cover



INSX203
Wall Mount



INSX152
Pole Mount







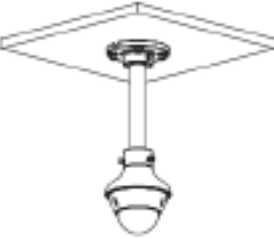

VUSD256G
Micro SD Card



INSX106
Mount Adapter



INSX220C
Ceiling Mount

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

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