

INSAIDO4NCF

4.1MP WDR Dome ChromaView AI+ Network Camera

- 1/1.8" 4 Megapixel progressive scan CMOS
- 25/30 fps at 2688 × 1520; 50/60 fps at 1080P
- H.265 codec, high compression rate, ultra-low bit rate
- WDR (140 dB), Day/Night (Electronic), 3D DNR, AWB, AGC
- AI+ on the Edge: Human Detection, Area Protector and more



AI+
ChromaView

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.

ChromaView Technology

This technology helps you capture clear color images in practically any low light environment. Using a F1.0 aperture lens paired with our 1/1.8" high-performance sensor, ChromaView technology provides a great balance between noise reduction and blurry moving objects.

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		1/1.8" 4 Megapixel progressive scan CMOS			
Effective Pixels		2688 (H) ×1520 (V)			
RAM/ROM		1GB/128MB			
Scanning System		Progressive			
Electronic Shutter Speed		Auto/Manual 1/3 s–1/100,000 s			
Minimum Illumination		0.001 Lux at F1.0			
Camera Features					
Day/Night		Auto(ICR) / Color / B/W			
Backlight Compensation		BLC / HLC / TRUE WDR 140dB			
White Balance		Auto / natural / street lamp / outdoor / manual			
Gain Control		Auto/Manual			
Noise Reduction		3D DNR			
Motion Detection		OFF/ON (4 areas, rectangular)			
Region of Interest		Yes (4 areas)			
Defog		Yes			
Privacy Masking		4 Areas			
Lens					
Lens Type		Fixed Lens			
Mount Type		Board-in			
Focal Length		3.6mm			
Max. Aperture		F1.0			
Viewing Angle		Horizontal: 93.0° Vertical: 50.0°			
Pan/Tilt/Rotation		Pan: 0°–355°; Tilt: 0°–75°; D: 0°–355°			
DORI	Lens	Detect	Observe	Recognize	Identify
Distance	3.6mm	70 m (230 ft)	28 m (91 ft)	14m (46ft)	7m (23ft)
Video					
Compression		H.265+; H.264+; MJPEG (only supported on the sub stream)			
Resolution		2688 × 1520; 2560 × 1440; 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 (1 fps–25/30 fps); 2560 × 1440 (1 fps–25/30 fps) 1920 × 1080 (1 fps–50/60 fps)			
		Sub stream: D1 (1 fps–25/30 fps) D1 (1 fps–50/60 fps)		Third stream: 1080P (1 fps–16 fps)	
Bit Rate		H.264: 32 Kbps–8192 Kbps H.265: 19 Kbps–8192 Kbps			

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Artificial Intelligence	
Area Protector	Tripwire, intrusion (Recognition of vehicle and people), fast moving, loitering detection, parking detection and people gathering
People Counting	Supports Line crossing/Region/Queueing people counting; Supports 4 independent entries detection; Supports 4 independent areas detection
Face Detection	Supports face capture images
Intelligent Functions	
Event Trigger	Motion detection, Video tampering , Scene changing, Network disconnection , IP address conflict, Illegal Access, Storage anomaly
Smart Functions	Object Abandoned/Missing
Heat Map	Supported
Audio	
Compression	G.711a, G.711Mu, G.726, AAC, G.723
Audio In/Out	1/1 channel In/Out
Alarm	
Alarm In/Out	1 channel In: 5mA 5V DC 1 channel Out: 300mA 12V DC
Network	
Ethernet	RJ-45 (10/100 Base-T)
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; SNMP
Compatibility	ONVIF (Profile S/Profile G/Profile T), CGI, Milestone, Genetec, P2P
Maximum User Access	20
Smart Phone	iOS, Android
General	
Power Supply	DC 12V ($\pm 30\%$), PoE (802.3af) (Class 0)
Power Consumption	Less than 4.4W
Working Environment	-30° C to +60° C (-22° F to +140° F); Less than 95% RH
Protection	IP67; IK10
Dimensions	$\Phi 122.0$ mm $\times$ 88.9 mm (4.80" $\times$ 3.50")
Weight	1.37 lbs (0.62 kg)

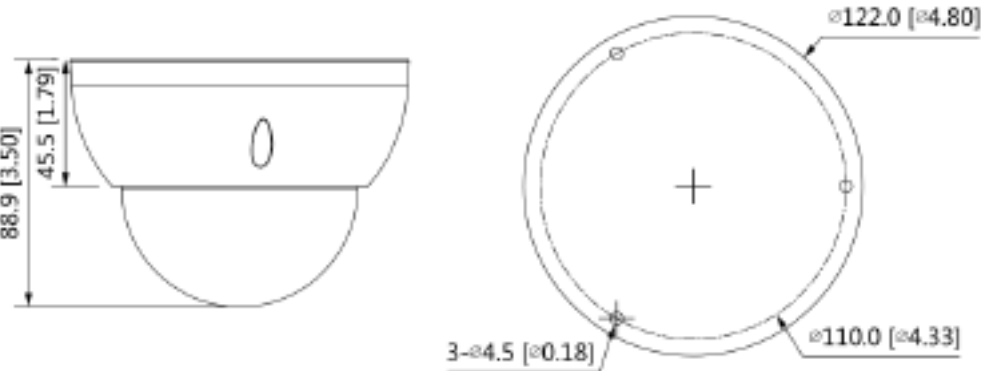
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Product Specifications



INSX200W
Rain Cover



INSX203
Wall Mount

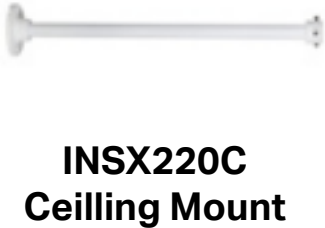


INSX152
Pole Mount



VUSD256G
Micro SD Card

Junction Mount	Inceiling Mount	Ceiling Mount
INSX137	INSX200C	INSX106 + INSX220C
		
Wall Mount	Pole Mount	
INSX203	INSX203 + INSX152	
		
Wall Mount with Rain Shade	Junction Mount	
INSX200W	INSX123	
		



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