INSDO4PTZ4X

4MP WDR 4x PTZ Network Camera

- 1/2.8" 4MP Progressive scan CMOS
- Powerful 4x optical zoom
- Supports triple-streams encoding
- WDR, Day/Night(ICR), Ultra DNR
- IP66, IK10
- Smart features such as face detection

Unify your Security Solution
Its powerful optical zoom and its smooth control makes it an ideal choice to secure any areas.

H.265 Decoding
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.

Wide Dynamic Range
This camera offers vivid imaging in any scenario. Using industry-leading WDR technology, you'll be able to capture the subject in the most contrast lighting conditions.

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Product Specifications

Camera				
Image Sensor	1/3" 4 Megapixel CMOS			
Effective Pixels	2592(H) x 1520(V)			
RAM/ROM	256M/128M			
Scanning System	Progressive			
Electronic Shutter Speed	1/1s~1/30,000s			
Minimum Illumination	Color: 0.05Lux at F1.6; B/W: 0.005Lux at F1.6			
S/N Ratio	More than 50dB			
Camera Features				
Day/Night	Auto(ICR) / Color / B/W			
Backlight Compensation	BLC / HLC / WDR (120dB)			
White Balance	Auto / ATW / Indoor / Outdoor / Manual			
Gain Control	Auto/Manual			
Noise Reduction	Ultra DNR (2D/3D)			
Digital Zoom	16x			
Motion Detetion	Supported			
Region of Interest	Supported			
Privacy Masking	Up to 24 areas			
Lens				
Focal Length	2.7mm~11mm			
Max. Aperture	F1.6 - F2.8			
Viewing Angle	H: 112.5° ~ 30°			
Optical Zoom	4x			
Focus Control	Auto/Manual			
Pan/Tilt/Rotation	Pan: 0° ~ 355°; Tilt: 0° ~ 90°			
DORI Distance	Detect	Observe	Recognize	Identify
	180m(591ft)	72m(236ft)	36m(118ft)	18m(59ft)
Video				
Compression	H.265 / H.264 / MJPEG(Sub Stream)			
Resolution	4MP (2592×1520) / 3MP (2304×1296) / 1080P(1920×1080) 720P (1280×720) / D1 (704×576 / 704×480) / CIF (352×288/352×240)			
Frame Rate	Main stream: 4MP / 3MP / 1080P / 1.3MP / 720P (1 to 25/30fps)			
	Sub Stream: D1/CIF (1 to 25/30fps)			
	Third Stream: 720P / D1 / CIF (1 to 25/30fps)			
Bit Rate	448K ~ 8192Kbps			

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Product Specifications

PTZ	
Manual Control Speed	Pan: 0.1° ~100° /s; Tilt: 0.1° ~60° /s
Preset Speed	Pan: 100° /s; Tilt: 60° /s
Presets	300
PTZ Mode	8 Tours (up to 32 preset per tour)
Speed Setup	Human-oriented focal Length / speed adaptation
Power up Action	Auto restore to previous PTZ and lens status after power failure
Idle Motion	Activate Preset/Tour if there is no command in the specified period
Intelligent Functions	
Smart Features	Tripwire, Intrusion,Abandoned/Missing, Face Detection
Event Trigger	Motion detection, Video tampering, Network disconnection, IP address conflict, Illegal access, Storage anomaly
Network	
Ethernet	RJ-45 (10XBase-T/100Base-TX)
Protocol	IPv4/IPv6, HTTP, HTTPS, SSL, TCP/IP, UDP, UPnP, ICMP, IGMP, SNMP, RTSP, RTP, SMTP, NTP, DHCP, DNS,PPPOE,DDNS,FTP, IP Filter,QoS,Bonjour,802.1x
Compatibility	ONVIF Profile S&G, API
Video Management Software	STORM; STORM+; ARKIV
Storage	NAS; Local PC; Micro SD card up to 256GB
Maximum User Access	20 Users
Smart Phone	iOS, Android
General	
Power Supply	DC 12V/1.5A, PoE(802.3af)
Power Consumption	Less than 10W
Working Environment	-30°C to 60°C (-22°F ~ +140°F) / Less than 95% RH
Ingress Protection	IP66
Vandal Protection	IK10
Dimensions	Φ122 mm x 89 mm
Weight	1.46 lbs (0.66 kg)

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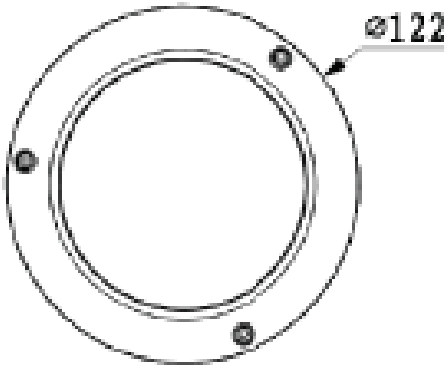
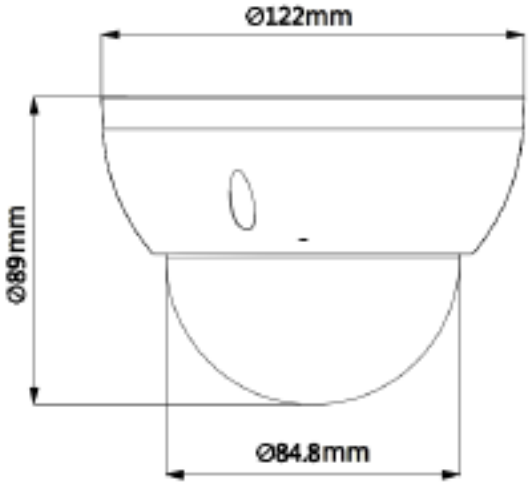
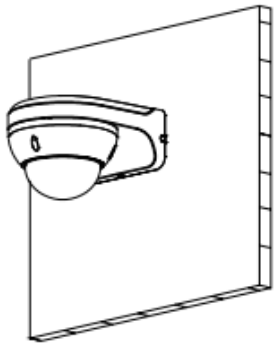
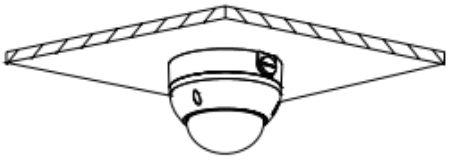
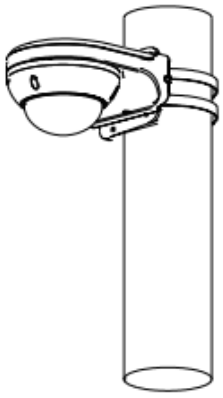
Product Specifications





Wall Mount	In-ceiling Mount
INSX203	INSX200C
	
Junction Box Mount	**Pole Mount**
INSX137	INSX152 + INSX203
	

INSX200C
In-Ceiling Mount

INSX137
Junction Box

INSX203
Wall Mount

INSX152
Pole Mount

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