

INSD02PTZ32XT

2.1MP Starlight Outdoor PTZ 32x with AI

- 1/2.8" 2 Megapixel STARVIS™ CMOS
- Powerful 32x optical zoom
- Maximum 50/60 fps at 1080P
- PoE+
- Auto-tracking, area protector, face detection based on deep-learning analytics

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

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Camera				
Image Sensor	1/2.8" 2 Megapixel STARVIS™ CMOS			
Effective Pixels	1920(H) x 1080(V)			
RAM/ROM	1GB / 4GB			
Scanning System	Progressive			
Electronic Shutter Speed	1/1s ~ 1/30,000s			
Minimum Illumination	Color: 0.005 Lux at F1.35; B/W: 0.0005 Lux at F1.35			
S/N Ratio	More than 55 dB			
Camera Features				
Day/Night	Auto(ICR) / Color / B/W			
Blacklight Compensation	BLC / HLC / WDR(120dB)			
White Balance	Auto / Indoor / Outdoor / Tracking / Manual / Natural light / Street lamp			
Gain Control	Auto/Manual			
Noise Reduction	2D / 3D			
Digital Zoom	16x			
Motion Detetion	Support			
Region of Interest	Support			
Privacy Masking	Up to 24 areas, and up to 8 areas in the same FoV			
Image Stabilization	Electronic			
Defog	Electronic			
Flip	180°			
Lens				
Focal Length	4.9 mm – 156 mm			
Max. Aperture	F1.35 – F4.4			
Viewing Angle	H: 62.8°–2.2°; V: 36.7°–1.3°; D: 69.2°–2.6°			
Optical Zoom	32x			
Focus Control	Auto / Semi-Auto / Manual			
Pan/Tilt/Rotation	Pan: 0° ~ 360° endless; Tilt: 0° ~ 90°; Auto flip: 180°			
DORI Distance	Detect	Observe	Recognize	Identify
	2152 m (7060.37 ft)	850 m (2788.71 ft)	430 m (1410.76 ft)	215 m (705.38 ft)
Video				
Compression	H.265+ / H.265 / H.264+ / H.264 / MJPEG			
Resolution	1080P (1920 × 1080); 1.3MP (1280 × 960); 720P (1280 × 720); D1 (704 × 576); CIF (352 × 288)			
Frame Rate	Main stream: 1080P / 1.3MP / 720P (1 to 50/60 fps)			
	Sub Stream: D1/CIF (1 to 25/30 fps)		Third Stream: 720P (1 to 25/30 fps)	
Bit Rate	H.264: 3 Kbps–20480 Kbps			
	H.265: 3 Kbps–20480 Kbps			
Audio				
Compression	G.711a; G.711Mu; G.726; AAC; MPEG2-Layer2; G722.1; G729; G723			

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PTZ	
Manual Control Speed	Pan: 0.1° ~ 350° /s; Tilt: 0.1° ~ 250° /s
Preset Speed	Pan: 500° /s; Tilt: 500° /s
Presets	300
PTZ Mode	5 Patterns, 8 Tours, 5 Scans
Offline Memory	Supported
Idle Motion	Preset / Tour / Pattern / Scanning
Lite AI	
Event Trigger	Motion detection, video tampering, scene changing, Network disconnection, IP address conflict, illegal access, and storage anomaly.
Smart Detection	Abandoned, missing Object
Smart Snapshot	Supports human and vehicle snapshots.
Area Protector	Tripwire and intrusion. Support alarm triggering by target types (human and vehicle). Supports filtering false alarms caused by animals, rustling leaves, bright lights, etc
Face Detection	Supported
Auto Tracking	Supported
Smart motion Detection	Supported
Network	
Ethernet	RJ-45 (10/100Base-T)
Protocol	IPv4; IPv6; HTTP; HTTPS; 802.1x; Qos; FTP; SMTP; UPnP; SNMPv1/v2c/v3 (MIB-2); DNS; DDNS; NTP; RTSP; RTP; TCP; UDP; IGMP; ICMP; DHCP; PPPoE; ARP; RTCP
Compatibility	ONVIF Profile S&G&T; CGI
Video Software Management	STORM, STORM+, Arkiv
Maximum User Access	20 Users
Storage	FTP; NAS; Micro SD card up to 256GB
Smart Phone	iOS, Android
Interface	
Audio Input	1
Audio Output	1 (Line out)
Two-way Audio	Supported
Alarm I/O	2/1
General	
Power Consumption	DC24V/2.5A PoE+ (802.3at)
Working Environment	-50°C to +60°C (-58°F to +140°F) / Less than 95% RH
Protection	IP67; IK10; 6000V lightning proof; surge protection; voltage transient protection
Weight	9.92 lbs (4.5kg)
Dimensions	Φ186 mm x 253 mm (Φ7.32" x 9.96")

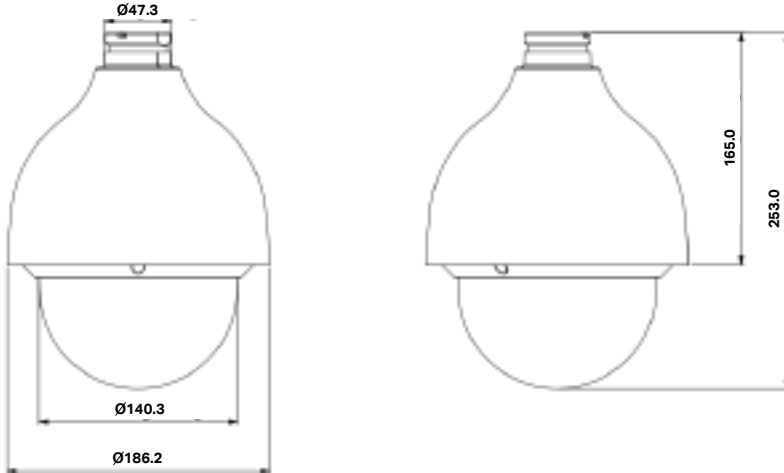
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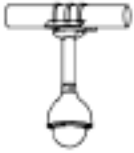

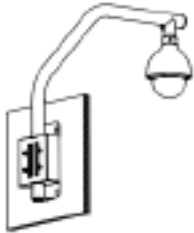


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Product Specifications



Wall Mount	Ceiling Mount	
INSX110 + INSX300S + INSX120	INSX110 + INSX300	
		
Pole Mount(Vertical)	Pole Mount(Horizontal)	Corner Mount
INSX110 + INSX300S + INSX150	INSX110 + INSX300S + INSX150	INSX110 + INSX300S + INSX151
		
	Parapet Mount	
	INSX110 + INSXPARA	
		



**INSX300S
Wall Mount
(Included)**



**INSX120
Junction Box**



**INSX110
Mount Adapter
(Included)**



**INSX150
Pole Mount**



**INSX140
Junction Box**



**INSX151
Corner Mount**



**INSX300
Ceiling Mount**



**INSXPARA
Parapet Mont**



**VUSD256G
Micro SD Card**

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