



INSDO2IRWA

| 2MP WDR Auto-Focus IR Dome Network Camera

Unify your Security Solution

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.

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 ana-lytics – one product, multiple features.

Wide Dynamic Range

Our camera offers TRUE WDR tech-nology produce a high-quality picture across a wide range of lighting levels.

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.

Technical Specifications

Camera					
Image Sensor	1/2.8" 2Megapixel progressive CMOS				
Effective Pixels	1920 (H) × 1080 (V)				
RAM/ROM	128MB/128MB				
Scanning System	Progressive				
Electronic Shutter Speed	Auto/Manual 1/3 s–1/100000 s				
Minimum Illumination	0.002 Lux at F1.5				
IR Distance	40 m (131.23 ft)				
IR LEDs	2				
IR On/Off Control	Auto/ Manual				
Lens					
Lens Type	Motorized vari-focal				
Mount Type	Board-in				
Focal Length	2.7mm–13.5mm				
Max. Aperture	F1.5				
Viewing Angle	Pan: 109°–28° Tilt: 57°–16° Diagonal: 131°–33°				
Iris Type	Fixed aperture				
Close Focus Distance	0.8 m–0.8 m (2.62 ft–2.62 ft)				
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)
Video					
IVS	Tripwire; intrusion				
Compression	H.265; H.264; H.264B; MJPEG				
Smart Codec	Yes				
Streaming Capability	2 Streams				
Resolution	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: 1920 × 1080 (1 fps-25/30 fps) Sub Stream: D1(1~50/60fps) Third Stream: 1080P(1~25/30fps)				
Bit Rate Control	CBR/VBR				
Bit Rate	H.264: 32 kbps–6144 kbps H.265: 12 kbps–6144 kbps				
Day/Night	Auto(ICR) / Color / B/W				
BLC Mode	BLC / HLC / WDR(120dB)				
White Balance	Auto/natural/street lamp/outdoor/manual/regional custom				
Gain Control	Auto/Manual				

* Design and specifications are subject to change without notice.

Technical Specifications

Noise Reduction	3D DNR
Motion Detetion	Off / On (4 Zone, Rectangle)
Region of Interest	Off / On (4 Zone)
Smart IR	Yes
Flip	0°/90°/180°/270° (Supports 90°/270° with 1080p resolution.)
Mirror	Yes
Privacy Masking	4 areas
Network	
Ethernet	RJ-45 (10/100Base-T)
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
Interoperability	CGI; P2P; Milestone; Genetec
Max. User Access	20
Edge Storage	FTP; SFTP; Micro SD Card (support max. 256 GB); NAS
Web Viewer	IE, Chrome, Firefox, Safari
Management Software	STORM, STORM +
Smart Phone	IOS, Android
Certifications	
Certifications	CE-LVD: EN60950-1 CE-EMC: Electromagnetic Compatibility Directive 2014/30/EU FCC: 47 CFR FCC Part 15, Subpart B UL/CUL: UL60950-1 CAN/CSA C22.2 No.60950-1-07
Electrical	
Power Supply	12V DC/PoE (802.3af)
Power Consumption	< 6.4W
Environment	
Operating Conditions	-30°C to +60°C (-22°F to +140°F)/less than ≤ 95% RH
Storage Conditions	-40°C to +60°C (-40°F to +140°F)
Protection Grade	IP67, IK10
Structure	
Casing	Metal
Dimensions	Φ122 mm × 88.9 mm (Φ4.80" × 3.50")
Net Weight	0.47 kg (1.04 lb)
Gross Weight	0.63 kg (1.39 lb)

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Accessories



INSX137
Junction Box



INSX203
Wall Mount



INSX200W
Rain Shade



INSX106
Mount Adapter



INSX200C
Ceiling Mount

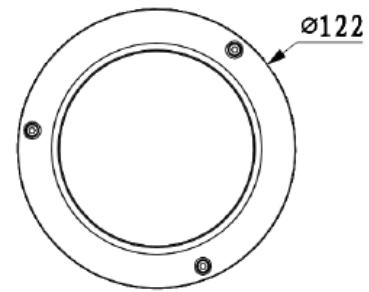
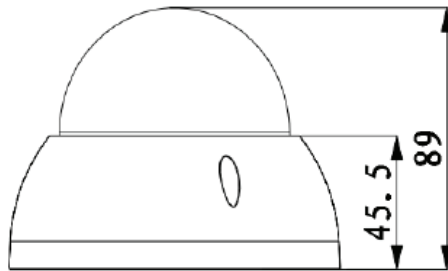


INSX152
Pole Mount



INSX220C
Ceiling Mount

Dimensions (mm)



Mounting solution

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