

INSTO2IRF

2MP H.265+ Turret Camera W/SD Slot

- 2MP, 1/2.7" 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: 30 m
- Intelligent detection: Intrusion, tripwire

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.

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



*Design and specifications are subjects to change without notice.



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Product Specifications

Camera					
Image Sensor	1/2.7" 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	0.005 Lux at F1.6				
S/N Ratio	More than 56 dB				
IR Distance	30 m (98.43 ft)				
IR LEDs	2				
Camera Features					
Day/Night	Auto(ICR) / Color / B/W				
Backlight Compensation	BLC / HLC / DWDR				
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	Fixed Lens				
Mount Type	M12				
Focal Length	2.8mm				
Max. Aperture	F1.6				
Viewing Angle	Horizontal: 110.0° Vertical: 59.0° Diagonal: 132.0°				
Pan/Tilt/Rotation	Pan: 0°–360°; Tilt: 0°–78°; D: 0°–360°				
DORI Distance	Lens	Detect	Observe	Recognize	Identify
	2.8mm	37.3 m (122.38 ft)	14.9 m (48.88 ft)	7.5 m (24.61 ft)	3.7 m (12.14 ft)
Video					
Compression	H.265+; H.264+; MJPEG				
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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Intelligent Functions	
Lite AI	Intrusion; tripwire
Audio	
Audio compression	G.711A; G.711Mu; G.726
Built-in Microphone	Yes
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 5.9W
Working Environment	-40°C to +60°C (-40°F to +140°F); Less than 95% RH
Protection	IP67, IK10
Dimensions	100.9 mm × Φ109.9 mm (3.97" × Φ4.33")
Weight	1.15 lbs (0.52 kg)

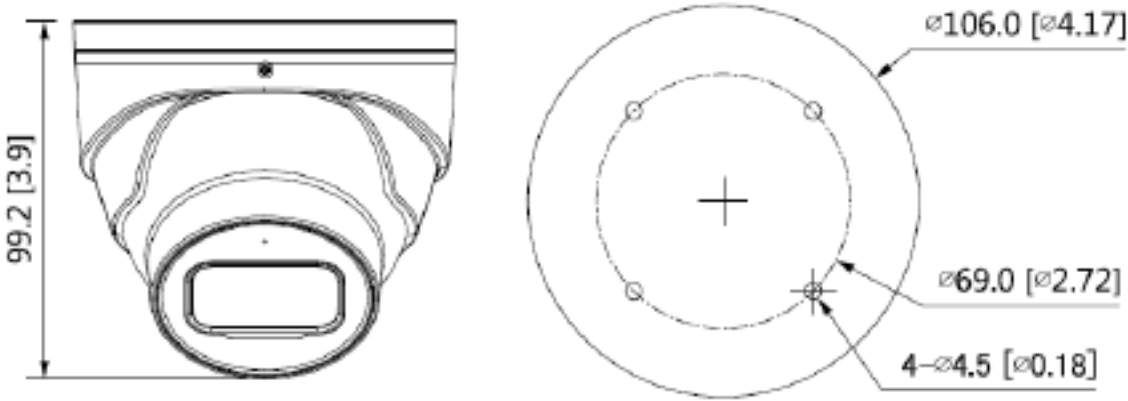
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Product Specifications



INSX130
Junction Box



INSX204
Wall Mount

Junction Mount	Wall Mount	Pole Mount
INSX130	INSX204	INSX204 + INSX152
		



INSX152
Pole Mount



VUSD256G
Micro SD Card

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