

INSTO4KIRF

4K ULTRA-HD H265 Fixed Turret Network WDR 120DB Camera

- 8MP, 1/2.7" CMOS image sensor, low illuminance
- Outputs max. 8MP (3840 × 2160) at 15 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

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



*Design and specifications are subjects to change without notice.



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Product Specifications

Camera					
Image Sensor	1/2.7" 8Megapixel progressive CMOS				
Effective Pixels	2880 (H) × 1620 (V)				
Scanning System	Progressive				
Electronic Shutter Speed	Auto/Manual 1/3 s–1/100,000 s				
Minimum Illumination	0.009 Lux at F2.0				
S/N Ratio	More than 56 dB				
IR Distance	30 m (98.4 ft)				
IR LEDs	2				
Camera Features					
Day/Night	Auto (ICR)/Color/B/W				
Backlight Compensation	BLC / HLC / WDR 120 dB				
White Balance	Auto / natural / street lamp / outdoor / manual / regional custom				
Gain Control	Auto; manual				
Noise Reduction	3D DNR				
Motion Detection	OFF/ON (4 areas, rectangular)				
Region of Interest(Roi)	4 areas				
Smart Illumination / Mirror	Yes				
Image Rotation	0°/90°/180°/270° (Supports 90°/270° with 4MP resolution and lower.)				
Privacy Masking	4 areas				
Lens					
Lens Type	Fixed-focal				
Mount Type	M12				
Focal Length	2.8 mm				
Max. Aperture	F2.0				
Close Focus Distance	1.0 m (3.3 ft)				
Viewing Angle	Horizontal: 105° Vertical: 56° Diagonal: 125°				
Pan/Tilt/Rotation	Pan: 0°–360°; Tilt: 0°–78°; Rotation: 0°–360°				
DORI Distance	Lens	Detect	Observe	Recognize	Identify
	2.8 mm	74.7 m (245.1 ft)	29.9 m (98.1 ft)	14.9 m (48.9 ft)	7.5 m (24.6 ft)
Video					
Compression	H.265+; H.264+; MJPEG (only supported on the sub stream)				
Resolution	3840 × 2160 (3840 × 2160); 3072 × 2048 (3072 × 2048); 3072 × 1728 (3072 × 1728); 2592 × 1944 (2592 × 1944); 2688 × 1520 (2688 × 1520); 3M (2048 × 1536); 2304 × 1296 (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: 3840 × 2160 (1 fps–15 fps); 2688 × 1520 (1 fps–25/30 fps)				
	Sub stream: 704 × 576 (1 fps to 25 fps); 704 × 480 (1 fps to 30 fps)				
Bit Rate	H.264: 3 Kbps–8192 Kbps H.265: 3 Kbps–8192 Kbps				

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Lite AI	
Smart Functions	Tripwire; intrusion
Alarm	
Alarm Event	No SD card; SD card full; SD card error; network disconnection; IP conflict; motion detection; video tampering; tripwire; intrusion; illegal access; voltage detection; audio detection; safety exception
Audio	
Built-in Microphone	Yes
Audio Compression	G.711A; G.711Mu; G.726
Certifications	
Certifications	CE-LVD: EN62368-1; 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
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; TCP; UDP; ARP; RTP; RTSP; RTCP; RTMP; SMTP; FTP; SFTP; DHCP; DNS; DDNS; QoS; UPnP; NTP; Multicast; ICMP; IGMP; NFS; PPPoE; SNMP
Compatibility	CGI; P2P; Milestone; Genetec; ONVIF (Profile S&G&T)
Maximum User Access	20
Browser	Chrome; Firefox; IE
Smart Phone	iOS, Android
General	
Power Supply	12V DC/PoE (802.3af)
Power Consumption	Less than 7.2W
Working Environment	-40°C to +55°C (-40°F to +131°F); Less than 95% RH
Protection	IP67
Material	Metal
Dimensions	99.1 mm × Ø121.9 mm (3.9" × Ø4.8")
Weight	1.40 lbs (0.65 kg)

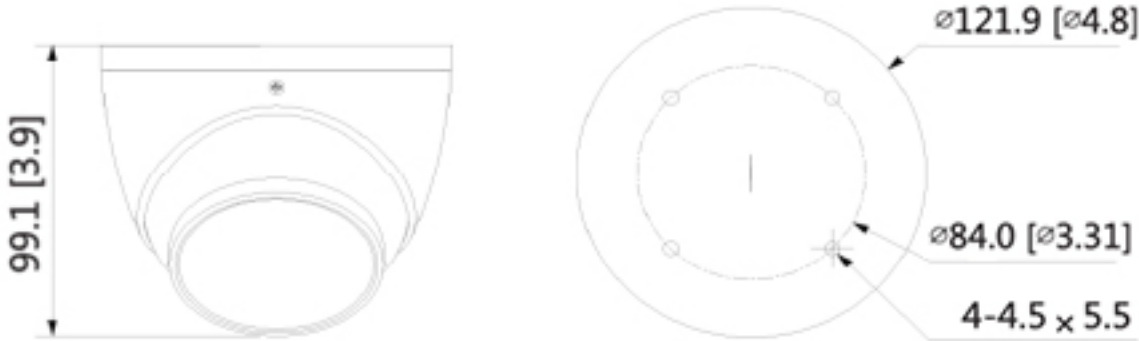
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WDR 120DB Camera

Product Specifications



INSX130
Junction Box









INSX203
Wall Mount



INSX151
Corner Mount



INSX152
Pole Mount

Junction Mount	Corner Mount
INSX130	INSX203 + INSX151
	
Wall Mount	Ceiling Mount
INSX203	INSX220C + INSX106
	
Ceiling Mount	Pole Mount
	INSX204 + INSX152
	



INSX220C
Ceiling Mount



VUSD256G
Micro SD Card



INSX106
Mount Adapter

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