INSBO4KIRA

4K ULTRA-HD H265 Auto Focus Bullet Camera

- 1/2.7" 8 Megapixel progressive CMOS

- WDR (120dB), Day/Night(ICR), 3DNR, AWB, AGC, BLC

- H.265 codec, high compression rate, ultra-low bit rate

- Built-in IR LED, max IR distance: 60 m

- Micro SD card up to 256GB

- Intelligent detection: Intrusion, tripwire

Unify your Security Solution
Our camera offers TRUE WDR technology 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.

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.

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Camera	
Image Sensor	1/2.7" 8Megapixel progressive CMOS
Effective Pixels	3840 (H) × 2160 (V)
RAM/ROM	256MB/128MB
Scanning System	Progressive
Electronic Shutter Speed	Auto/Manual 1/3 s–1/100,000 s
Minimum Illumination	0.008 Lux at F1.5
S/N Ratio	More than 56 dB
IR Distance	60 m (196.85 ft)
IR LEDs	4
Camera Features	
Day/Night	Auto(ICR) / Color / B/W
Backlight Compensation	BLC / HLC / WDR 120dB
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	Yes (4 areas)
Image Rotation	0°/90°/180°/270° (Supports 90°/270° with 4MP resolution and lower.)
Smart Illumination / Mirror	Yes
Privacy Masking	4 Areas
Lens	
Lens Type	Motorized
Mount Type	φ14
Focal Length	2.7 mm–13.5 mm
Max. Aperture	F1.5
Viewing Angle	Horizontal: 113°–31°; Vertical: 58°–17°; Diagonal: 138°–36°
Pan/Tilt/Rotation	Pan: 0°–360°; Tilt: 0°–90°; D: 0°–360°

DORI Distance	Lens	Detect	Observe	Recognize	Identify
	W	85.3 m (279.9 ft)	34.1 m (111.9 ft)	17 m (55.8 ft)	8.5 m (27.9 ft)
	T	280 m (918.6 ft)	112 m (367.5 ft)	56 m (183.7 ft)	28 m (91.9 ft)

Video	
Compression	H.265; H.264; H.264B; MJPEG (only supported by the sub stream)
Smart Codec	Smart H.265+; Smart H.264+
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 at 1 to 15 fps; 2688 × 1520 at 1 to 25/30 fps
	Sub stream: 704 × 576 at 1 to 25 fps; 704 × 480 at 1 to 30 fps
Bit Rate	H.264: 32 Kbps–8192 Kbps H.265: 12 Kbps–8192 Kbps

*Design and specifications are subjects to change without notice.

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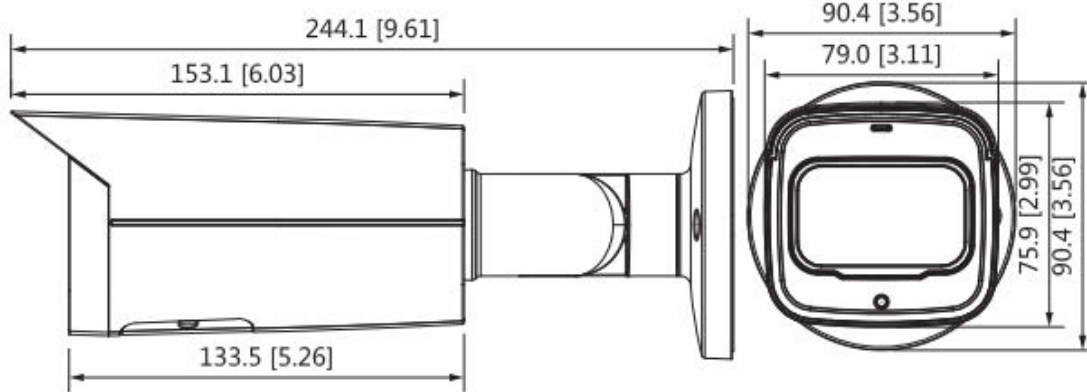| Intelligent Functions	
Smart Functions	Tripwire; intrusion
Alarm	
Alarm Event	No SD card; SD card full; SD card error; network disconnection; IP conflict; motion detection; video tampering; tripwire; intrusion; illegal access; voltage detection; safety exception
Network	
Ethernet	RJ-45 (10/100 Base-T)
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; TCP; UDP; ARP; RTP ; RTSP; RTCP; RTMP; SMTP; FTP; SFTP; DHCP; DNS; DDNS; QoS; UPnP; NTP; Multicast; ICMP; IGMP; NFS; PPPoE; Bonjour
Compatibility	P2P; Milestone; Genetec; ONVIF (Profile S/G/T); CGI
Browser	IE; Chrome; Firefox
Maximum User Access	20
Smart Phone	iOS, Android
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
General	
Power Supply	12V DC/PoE (802.3af)
Power Consumption	Less than 9.9W
Working Environment	-30°C to +60°C (-22°F to +140°F); Less than 95% RH
Protection	IP67
Material	Metal
Dimensions	Φ244.1 mm × 90.4 mm (Φ9.61" × 3.26")
Weight	2.43 lbs (1.10 kg)

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244.1 [9.61]
153.1 [6.03]
133.5 [5.26]
90.4 [3.56]
79.0 [3.11]
75.9 [2.99]
90.4 [3.56]
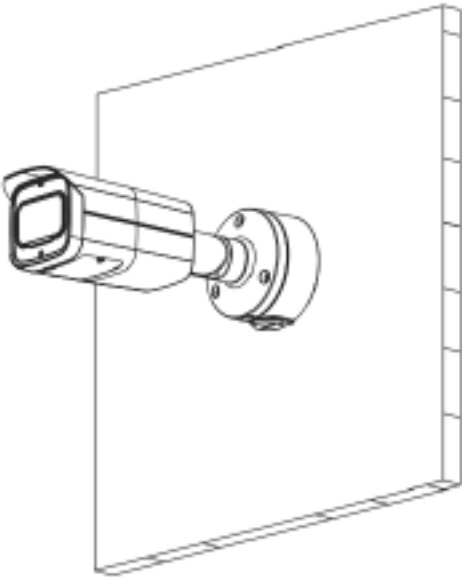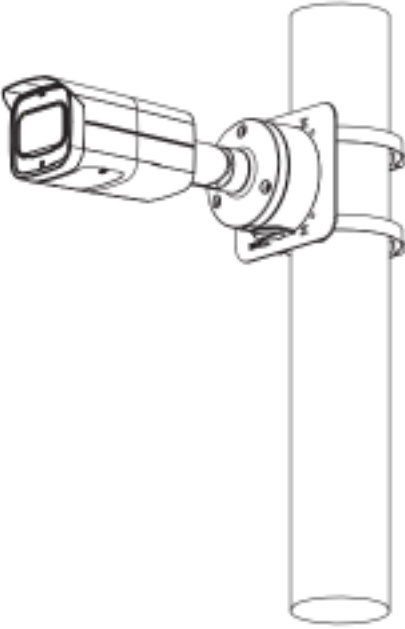
INSX130 Junction Box

INSX152 Pole Mount

VUSD128G Micro SD Card

Junction Mount	Pole Mount
INSX130	INSX130 + INSX152

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