INSBO6180IRF

3x2MP (6MP) H265 Network Multi-Lens IR Panoramic Bullet W/IR W/SD Slot

- Three 1/2.8" 2Megapixel progressive scan STARVIS™ CMOS

- Wide Dynamic Range 120dB

- H.265 & H.264 dual-stream encoding

- Built-in IR LED, max IR distance: 30 m

- Intelligent detection: Intrusion, tripwire, heatmap

- Micro SD card up to 128 GB

Unify your Security Solution
Starlight Technology 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.

Wide Dynamic Range
Our camera offers TRUE WDR technology produce a high-quality picture across a wide range of lighting levels

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	Three 1/2.8" 2Megapixel progressive scan CMOS
Effective Pixels	4096(H) x 832(V)
RAM/ROM	1024MB / 128MB
Scanning System	Progressive
Electronic Shutter Speed	Auto/Manual, 1/3~1/100,000s
Minimum Illumination	0.007 Lux / F1.8 (Color, 1/3s, 30IRE); 0.05 Lux / F1.8 (Color, 1/30s, 30IRE); 0 Lux / F1.8 (IR on)
S/N Ratio	More than 50dB
IR Distance	Distance up to 30m(98ft)
IR LEDs	8

Camera Features	
Day/Night	Auto(ICR) / Color / B/W
Blacklight Compensation	BLC / HLC / WDR(120dB)
White Balance	Auto / Natural / Street Lamp / Outdoor / Manual
Gain Control	Auto/Manual
Noise Reduction	3D DNR
Digital Zoom	16x
Privacy Masking	4 Areas

Lens					
Lens Type	Fixed				
Mount Type	Board-in				
Focal Length	3.6mm				
Max. Aperture	F1.8				
Viewing Angle	H: 180˚, V:44˚				
Optical Zoom	N/A				
Focus Control	Fixed				
Pan/Tilt/Rotation	Pan: 0˚~360˚; Tilt: 0˚~90˚; Rotation: 0˚~360˚				
DORI Distance	Lens	Detect	Observe	Recognize	Identify
	3.6 mm	52m(171ft)	21m(69ft)	10m(33ft)	5m(16ft)

Video	
Compression	H.265+ / H.265 / H.264+ / H.264
Resolution	4096×832 / 3840×780 / 2560×520 / 1280x260 / 1024X208
Frame Rate	Main Stream: 4096x832 (1 to 25/30fps)
	Sub Stream: 1024x208 (1 to 25/30fps)
	Third Stream: 1280x260 (1 to 25/30fps)
Bit Rate	H.265: 4Kbps ~ 10Mbps; H.264: 8Kbps ~ 16Mbps

Audio	
Compression	G.711a / G.711Mu / AAC / G.726

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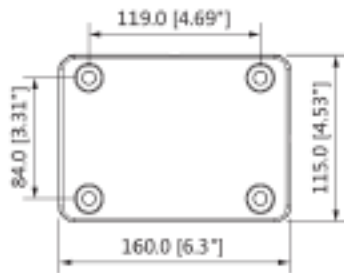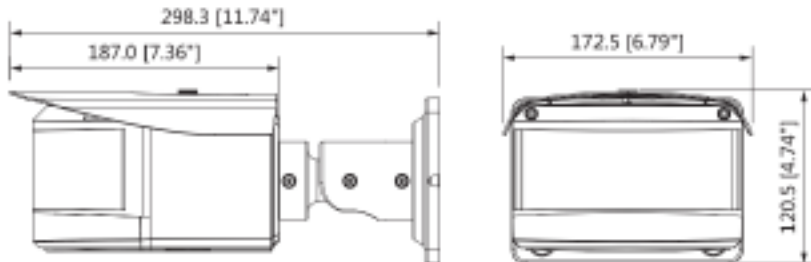| Smart Functions	
Intelligent Functions	Tripwire, Intrusion, Object Abandoned/Missing
Smart Features	Heatmap, E-PTZ
Network	
Ethernet	RJ-45 (100/1000Base-T)
Protocol	HTTP; HTTPs; TCP; ARP; RTSP; RTP; UDP; SMTP; FTP; DHCP; DNS; DDNS; PPPOE; IPv4/v6; QoS; UPnP; NTP; Bonjour; 802.1x; Multicast; ICMP; IGMP; SNMP
Compatibility	PSIA, CGI
Maximum User Access	10 Users/20 Users
Management Software	STORM, STORM+, ARKIV
Edge Storage	NAS; Micro SD card up to 128GB
Smart Phone	iOS, Android
Interface	
Video Interface	1 Port(For adjustment only)
Audio Interface	1/1 channel In/Out
RS485	N/A
Alarm	2 channel In: 5mA 5VDC 1 channel Out: 1A 30VDC / 0.5A 50VAC
General	
Power Supply	AC24V, PoE+ (802.3at)(Class 4)
Power Consumption	Less than 23W
Working Environment	-40° C ~ +60° C (-40° F ~ +140° F) / Less than 95% RH
Ingress Protection	IP67
Vandal Protection	IK10
Dimensions	298.3mm×172.5mm×120.5mm (11.74"×6.79"×4.74")
Weight	7.52 lbs (3.41 kg)

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172.5 [6.79"]
120.5 [4.74"]

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84.0 [3.31"]
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160.0 [6.3"]

Wall Mount	Pole Mount
INSX120	INSX120 + INSX150
Corner Mount	
INSX120 + INSX151	

**INSX120
Junction Box**
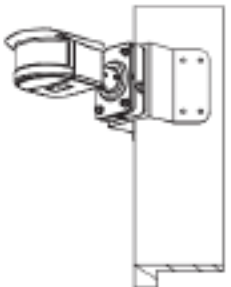
**INSX151
Wall Mount**

**INSX150
Pole Mount**

**VUSD128G
Micro SD Card**

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