

# INSBO2IRW12X

## 2.1MP WDR 12X Bullet Camera w/SD Slot

- 2MP, 1/2.8" progressive scan STARVIS™ CMOS
- Outputs 2MP (1920 × 1080) at 50/60 fps
- H.265 codec, high compression rate, ultra-low bit rate
- Built-in IR LED, max IR distance: 200 m
- WDR (120dB), Day/Night (ICR), 3DNR, AWB, AGC, BLC

### 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.

### 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.



\*Design and specifications are subjects to change without notice.



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## Product Specifications

Camera					
Image Sensor	1/2.8" 2 Megapixels progressive scan CMOS				
Effective Pixels	1920(H) x 1080(V)				
RAM/ROM	256MB/32MB				
Scanning System	Progressive				
Electronic Shutter Speed	Auto/Manual, 1/3(4)~1/100000s				
Minimum Illumination	0.006Lux/F1.4 ( Color,1/3s,30IRE) 0.05Lux/F1.4 ( Color,1/30s,30IRE) 0Lux/F1.4 (IR on)				
S/N Ratio	More than 50dB				
IR Distance	Distance up to 200m (656ft)				
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				
Gain Control	Auto/Manual				
Noise Reduction	3D DNR				
Digital Zoom	16x				
Privacy Masking	Off / On (4 Area, Rectangle)				
Lens					
Lens Type	Motorized/ Auto Iris(HALL)				
Mount Type	Board-in				
Focal Length	5.3mm~64mm				
Max. Aperture	F1.4				
Viewing Angle	H: 59°~5°, V:34°~3°				
Optical Zoom	4x				
Focus Control	Motorized				
Pan/Tilt/Rotation	Pan:0°~360°; Tilt:0°~90°; Rotation:0°~360°				
DORI Distance	Lens	Detect	Observe	Recognize	Identify
	W	73m (236ft)	29m (95ft)	14m (46ft)	7m (23ft)
	T	882m (2893ft)	353m (1158ft)	176m (577ft)	88m (288ft)
Video					
Compression	H.265+ / H.265 / H.264+ / H.264				
Resolution	1080P(1920x1080)/1.3M(1280x960)/ 720P(1280x720)/D1(704x576/704x480)/ VGA(640x480)/CIF(352x288/352x240)				
Frame Rate	Main Stream: 1080P(1~50/60fps)				
	Sub Stream: D1(1~50/60fps)				
	Third Stream: 1080P(1~25/30fps)				
Bit Rate	H.264: 24~9472Kbps H.265: 14~5632Kbps				
Audio					
Compression	G.711a/ G.711Mu/ AAC/ G.726				

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Intelligent Functions	
IVS	Tripwire, Intrusion, Object Abandoned/Missing
Adv. Intelligent Functions	Face Detection
Network	
Ethernet	RJ-45 (10/100Base-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	ONVIF, PSIA, CGI
Maximum User Access	10 Users/20 Users
Storage	Mirco SD card 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: 300mA 12VDC
General	
Power Supply	DC12V, PoE (802.3af)(Class 0)
Power Consumption	<12.95W
Working Environment	-30° C ~ +60° C (-22° F ~ +140° F) / Less than 95% RH
Ingress Protection	IP67
Vandal Protection	IK10
Dimensions	273.2mm × 95.0mm × 95.0mm (10.76" × 3.74" × 3.74")

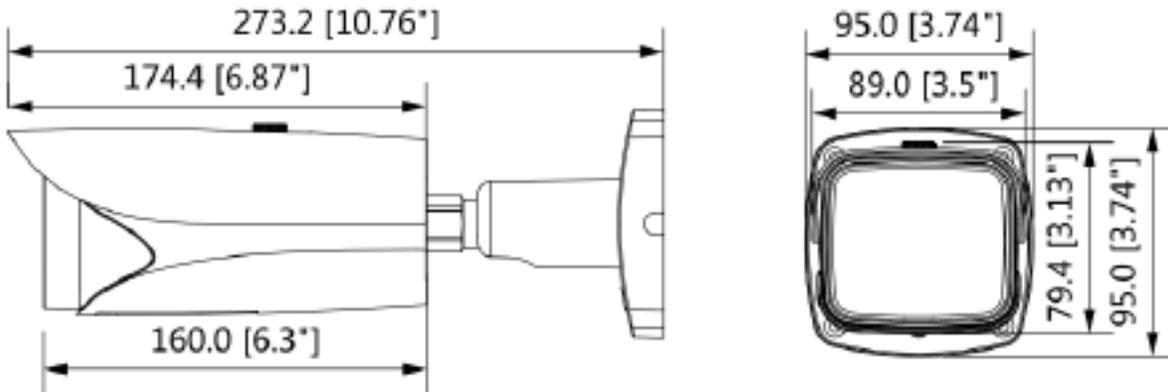
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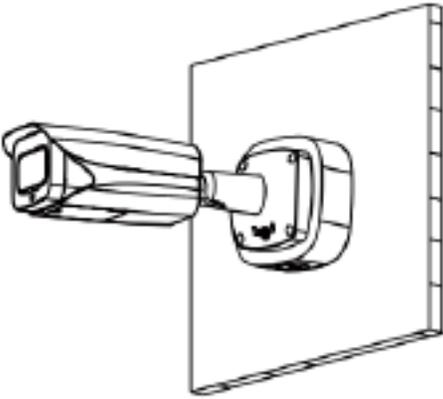
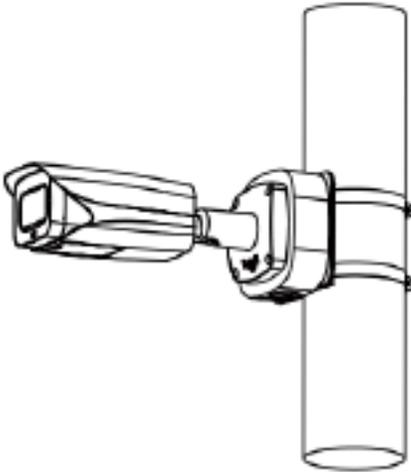
**INSX121  
Junction Box**



**INSX152  
Pole Mount**



**VUSD128G  
Micro SD Card**

Junction Mount	Pole Mount
INSX121	INSX152 + INSX121
	

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