

# 6MP 360 Degree Hemispheric Camera

- 1/1.8" 6 Megapixel Progressive Scan STARVIS™ CMOS
- H.265 & H.264 Triple-Stream Encoding
- Maximum 25/30fps at 6MP (3072x2048)
- Multiple De-Wrap Mode
- DWDR, Day/Night (ICR), 3DNR, AWB, AGC, BLC
- Smart Detection
- Maximum Length of IR LEDs: 10m
- Intelligent Function
- IP67, IK10, PoE



## Popular Mounting Solutions



INSX100  
Mount Adapter

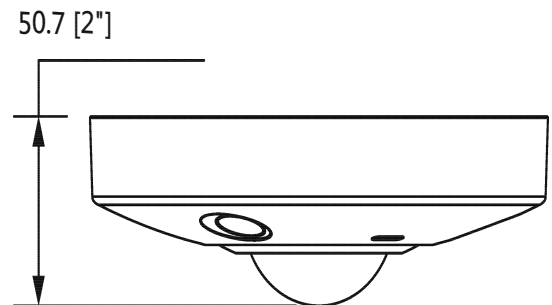
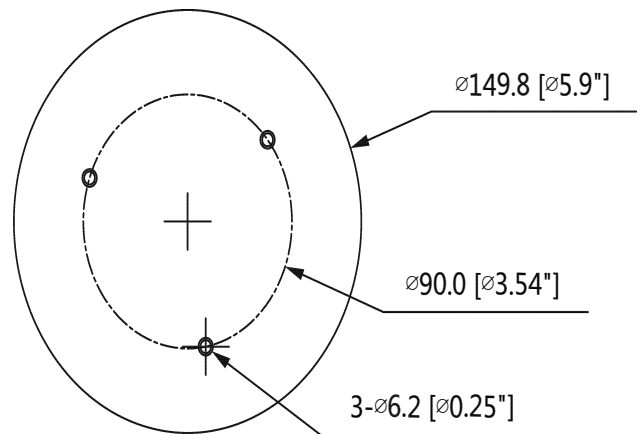


INSX302  
Wall Mount



INSX152  
Pole Mount

## Dimensions (mm)



Wall Mount	Pole Mount
INSX302 + INSX100	INSX100 + INSX302 + INSX152
Ceiling Mount	

## Technical Specifications

Camera				
Image Sensor	1/1.8" 6 Megapixels progressive scan CMOS			
Effective Pixels	3072 (H) x 2048 (V)			
RAM/ROM	1024MB / 128MB			
Scanning System	Progressive			
Electronic Shutter Speed	Auto/Manual, 1/3~1/100000s			
Minimum Illumination	0.002 Lux/ F2.0 (Color, 1/3s, 30IRE); 0.02 Lux / F2.0 (Color, 1/30s, 30IRE) 0 Lux / F2.0 (IR on)			
S/N Ratio	More than 50dB			
IR Distance	Distance up to 10m(33ft)			
IR LEDs	3			
Camera Features				
Day/Night	Auto(ICR) / Color / B/W			
Backlight Compensation	BLC / HLC / DWDR			
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	1.7mm			
Max. Aperture	F2.0			
Viewing Angle	H: 180°, V:180°			
Optical Zoom	N/A			
Focus Control	Fixed			
Pan/Tilt/Rotation	N/A			
DORI	Detect	Observe	Recognize	Identify
Distance	28m (92ft)	11m (36ft)	6m (19ft)	3m (9ft)

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

## Technical Specifications

<b>Video</b>	
Compression	H.265/H.264
Resolution	6M(3072×2048)/ 4M(2048×2048)/ 3M(2048×1536)/ UXGA(1600×1200)/ 1.3M(1280×960)/ D1(704×576/704×480)/ CIF(352×288/352×240)
Frame Rate	Main Stream: 6MP (1~25/30fps)
	Sub Stream: D1 (1 ~ 25/30fps)
	Third Stream: 1.3MP (1 ~ 25/30fps)
Bit Rate	H.265: 3Kbps~ 9984Kbps; H.264: 8Kbps~ 16384Kbps
<b>Audio</b>	
Compression	G.711a/G.711Mu/AAC/ G.726
<b>Network</b>	
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	ONVIF, PSIA, CGI
Maximum User Access	10/20 Users
Smart Phone	iOS, Android
<b>Interface</b>	
Video Interface	N/A
Audio Interface	1/1 channel In/Out, 1 Built-in Mic
RS485	N/A
Alarm	2 channels In: 5mA 5VDC 2 channels Out: 1A 30VDC / 0.5A 50VAC
<b>General</b>	
Power Supply	DC12V, PoE (802.3af)(Class 0)
Power Consumption	Less than 12W
Working Environment	-30° C ~ +50° C / Less than 95% RH
Ingress Protection	IP67
Vandal Protection	IK10
Dimensions	Φ149.8mm × 50.7mm (Φ5.9" × 2")

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