



# Illustra Pro Gen4 12MP Fisheye Camera

## Excellent Edge Dewarping & Low Light Performance

- 180° panoramic view with wall mount and 360° bird's eye view with ceiling mount
- 12MP resolution for high quality images; 9MP Fisheye image; 4MP dewarped image
- Integrated IR illuminator provides high quality video up to 15 meters (50 feet)
- IP66/ IP67 and IK10 rated for weather and vandal resistance
- Ideal for warehouses, hotels, casinos, hospitals, schools, retail and more



## Achieve Clarity Despite Challenging Scene & Lighting Conditions

- True WDR to balance scenes in challenging lighting conditions
- Single or multiple fixed views for forensic investigations
- Provides clear and high- quality image regardless of lighting conditions, time of day or object movement

## Safeguard Against Cyber Attacks Across Devices

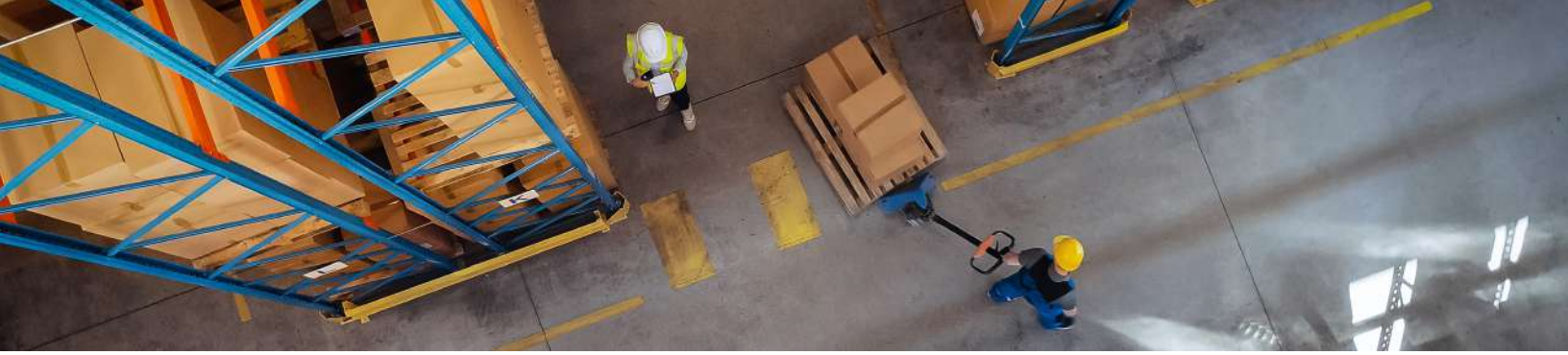
- NDAA and TAA compliant
- Exceeds the rigorous standards of the Johnson Controls Cyber Solutions Product Security Program

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# Illustra Pro Gen4 12MP Fisheye Specifications

## Operational

Video Compression	H.264 / H.265 / IntelliZip / MJPEG		
Max Frame Rate	30ips @ 12MP		
Resolution & Aspect Ratio		Fisheye	Dewarped
	Stream 1	2992x2992 (1:1) 9MP 2048x2048 (1:1) 4MP	2688 x 1512 (16:9) 4MP 1920 x 1080 (16:9) 2MP
	Stream 2	2048x2048 (1:1) 4MP * 960x960 (1:1)* 640x640 (1:1) 384x384 (1:1)	1920 x 1080 (16:9) 2MP 1664x936 (16:9) PAL+ 1280 x 720 (16:9) 1MP 1024x576 (16:9) 640 x 360 (16:9) nHD 480 x 272 384x288
	Stream 3	960x960 (1:1)* (Client Mode) 640 x 640 (1:1)* (Client Mode) 384x384 (Client Mode) N/A (Edge Mode)	N/A
*Available if Stream1 is 4MP only			
Video Streams	Client Dewarp: Triple Edge Dewarp: Dual		
Imager	Sony IMX 412 1/2.3" CMOS Image Sensor, 1.55um		
Lens Type	Glass Aspherical		
Focal Length	1.6mm		
Field of View	180°		
Aperture	F2		
Minimum Illumination	Color	0.7 lux	
	B/W	0.13 lux; 0 lux with IR	
IR Illumination	Yes		
IR Distance	15 m (50 feet)		
Wide Dynamic Range	True WDR		
Day/Night	True D/N ICR		
Multicasting	Yes		
ONVIF-Compliant	Profile S, G, T, M		
Motion Detection	Yes		
Blur Detection	Yes		
Privacy Zones	9		
Alarm	1 input / 1 output		
Audio	Bi-directional; 1 input, 1 output. Built in Microphone		
TrickleStor	Yes		
Simultaneous Users	3		
Supported Languages	Arabic, Czech, Chinese (Simplified), Chinese (Traditional), Danish, Dutch, English (US), French, German, Italian, Japanese, Korean, Polish, Portuguese (Brazilian), Spanish, Turkish		



## Specifications (Page 2)

### Network

Ethernet Interface	10/100/1000Base-T Ethernet, RJ45, auto sensing
Protocols	IPv4/v6, TCP/IP, UDP, RTP, RTSP, HTTP, HTTPS, ICMP, FTP, SMTP, DHCP, PPPoE, UPnP, IGMP, SNMP, QoS, ONVIF, ARP, CIFS

### Configuration Management

Web Browsers	Microsoft Edge, Firefox, Safari, Chrome
Security	Enhanced Security Mode (forces complex minimum* passwords, HTTPS and disables discovery); TLS 1.2 (256 bit cipher minimum); Security Overview Page (status and configuration); RTSP Authentication; IEEE 802.1X Client; Remote Accessible Audit logs; Role-Based Access Control

### Onboard Storage

Card Support	Micro SD/SDHC/SDXC slot up to 512GB; Class 10 or higher; Card not included
Pre-Alarm Recording	10 sec
Recording Format	MP4
Recording Trigger	Video Motion, Alarm Input, Network Failure Detection

### Electrical

Power Input	24VAC, Power over Ethernet (PoE) IEEE 802.3af Type 1 Class 3
Power Draw	POE: 11.89W AC: 11.77W

### Physical

Dimensions (RxH)	ø150mm x57mm (5.9 x 2.24 in)
Weight	0.7 kg ( 1.54 lb)
Housing Color	RAL 9003 - Signal White
Operating Temperature	IR On: -40°C to +50°C (-40°F to 122°F) IR Off: -40°C to +55°C (-40°F to 131°F)
Humidity	Up to 95% RH Non-Condensing
Vandal Resistant	IK10
Outdoor Rating	IP66/IP67 & NEMA 4X

### Regulatory

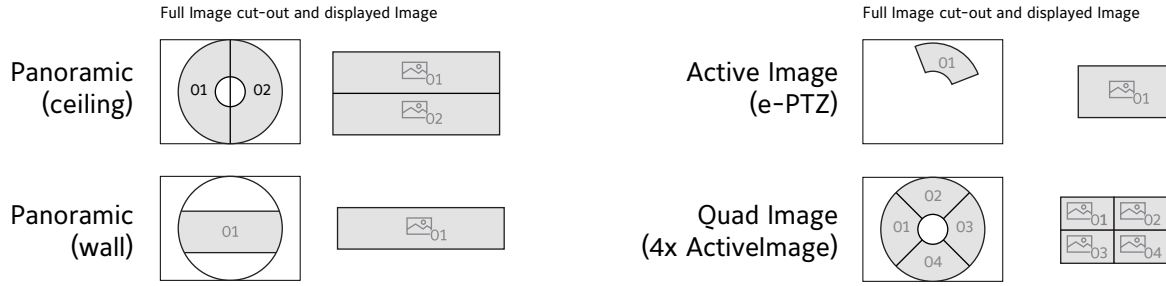
Safety	UL 60950-1; CAN/CSA-C22.2 No. 60950-1; EN 60950-1
Emissions	FCC Part 15 Class A; CE EN55032 Class A; AS/NZS CISPR 32 Class A; ICES-003/NMB-003 Class A
Immunity	EN55024; EN50130-4
Environment	RoHS; WEEE
NDAA & TAA Compliant	Yes
Warranty	5 year warranty

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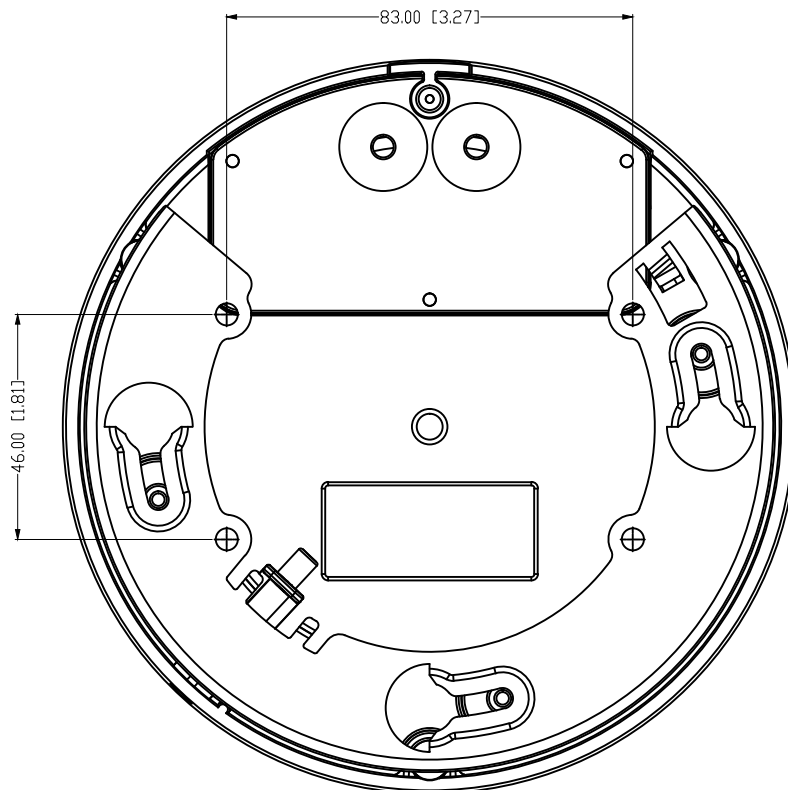
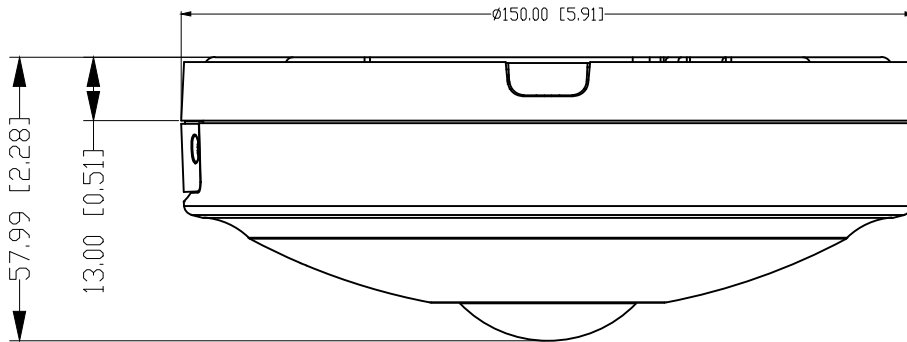
# Specifications (Page 3)

## View Modes

Dewarp options on camera:



## Camera Dimensions










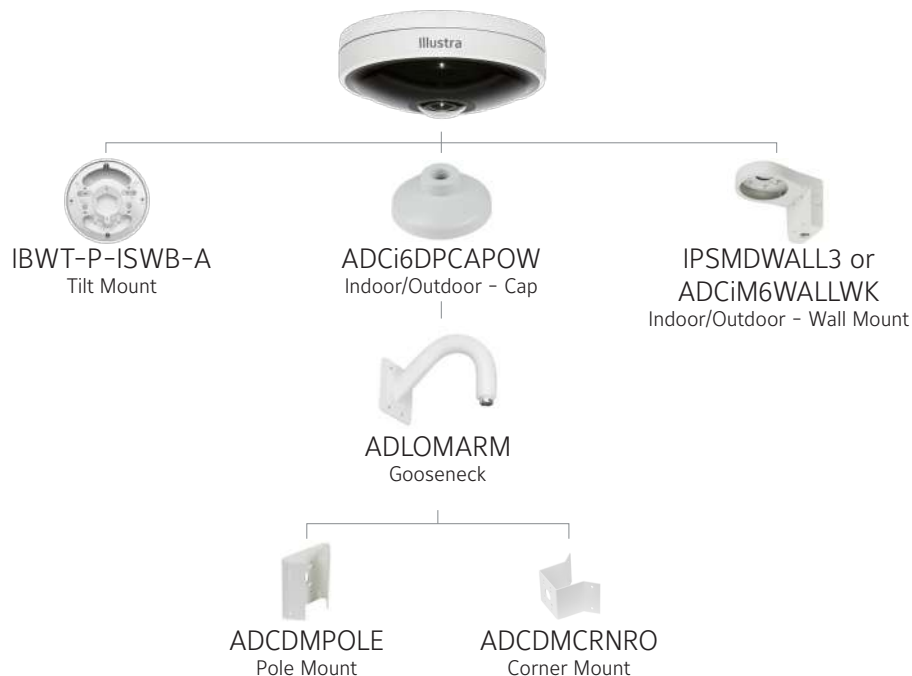
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## Ordering Information

Model Number	Description
IPS12-F27-OIA4	Illustra Pro Gen4 12MP Fisheye, TDN w/IR, TWDR, IP66/67, IK10

## Accessories

Accessory Type	Image	Model Number	Description	Dimensions
Wall Mount		ADCiM6WALLWK	Wall Mount Kit: Indoor/Outdoor, White/Black	6.3 x 3.3 x 9.1 in (160.5 x 83 x 230.5 mm)
Wall Mount		IPSMDWALL3	Wall Mount Kit: Indoor/Outdoor, White	6.3 x 3.3 x 9.1 in (160.5 x 83 x 230.5 mm)
Pendant Cap		ADCi6DPCAPOW	Pendant Cap: Outdoor, 3/4" NPT, White	Ø5.8 x 2.2 x 5.8 in (Ø148 x 55 x 147.4 mm)
Gooseneck Arm		ADLOMARM	Wall Mount, 3/4" NPT, White	4.4 x 8.78 x 4.4 in (112.5 x 222.9 x 112.5 mm)
Pole Mount Adapter		ADCDMPOLE	Pole kit for use with ADLOMARM, White	Wraps around pole
Outside Corner Mount Adapter		ADCDMCRNRO	Exterior corner bracket for use with ADLOMARM, White	5.18 x 7.58 in (131.5 x 192.5 mm)
Tilt Mount		IBWT-P-ISWB-A	Illustra Pro Gen4 Tilt Mount for 12MP Fisheye	Ø6.24 in (Ø158.5 mm)



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