



Illustra Pro Gen4 12MP Fisheye Camera

Excellent Performance in Outdoor and Low Light Environments

- 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)
- 180° panoramic view with wall mount and 360° bird's eye view with ceiling mount
- IP66/ IP67 and IK10 rated for weather and vandal resistance
- Ideal for parking lots, airport tarmacs, university campuses and more



Achieve Clarity Despite Challenging Scene and 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 compliant
- Exceeds the rigorous standards of the Johnson Controls Cyber Solutions Product Security Program

Illustra Pro Gen4 12MP Fisheye - IL1369-DS-202605-R01-HS-EN

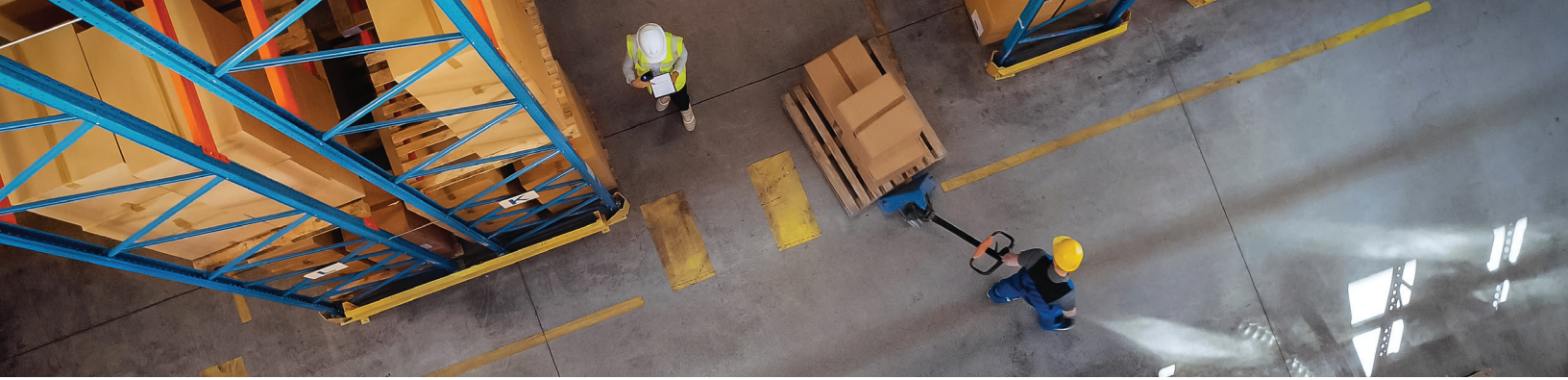


Illustra Pro Gen4 12MP Fisheye Specifications

Operational

Video Compression	H.264 / H.265 / IntelliZip / MJPEG		
Max Frame Rate	30ips @ 12MP		
Resolution & Aspect Ratio		Fisheye	Dewarped
	Stream 1	2048x2048 2992 x 2992	2688 x 1512 1920 x 1080
	Stream 2	640 x 640 384x384	1920 x 1080 1664x936 1280 x 720 1024 x 576 640 x 360 480 x 272 384x288
	Stream 3	384x384 (Client Mode) N/A (Edge Mode)	N/A
	Video Streams	Client: 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	TrueWDR		
Day/Night	True D/N ICR		
ONVIF-Compliant	Profile S, G, T, M		
Motion 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), Russian, Spanish, Turkish		

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Specifications (Page 2)

Network

Ethernet Interface	10/100/1000Base-T Ethernet, RJ45, auto sensing
Security	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 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	40°C to +50°C (-40°F to 122°F) with IR On -40°C to +55°C (-40°F to 131°F) with IR Off
Humidity	Up to 95% RH Non-Condensing
Vandal Resistant	IK10
Outdoor Rating	IP66/IP67 & NEMA 4X

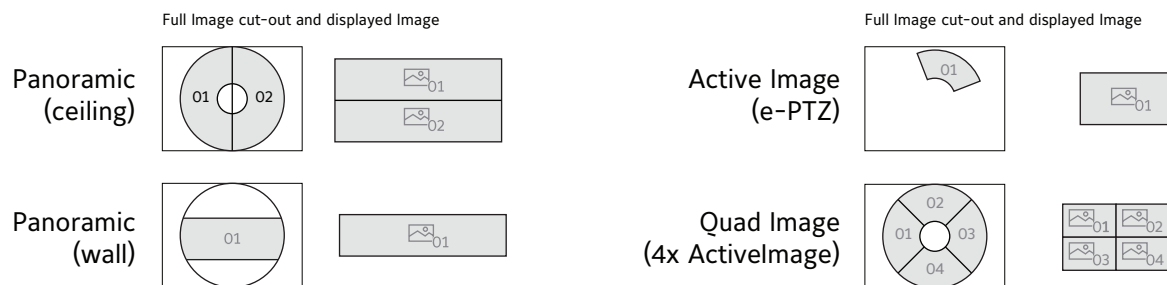
Regulatory

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	Yes

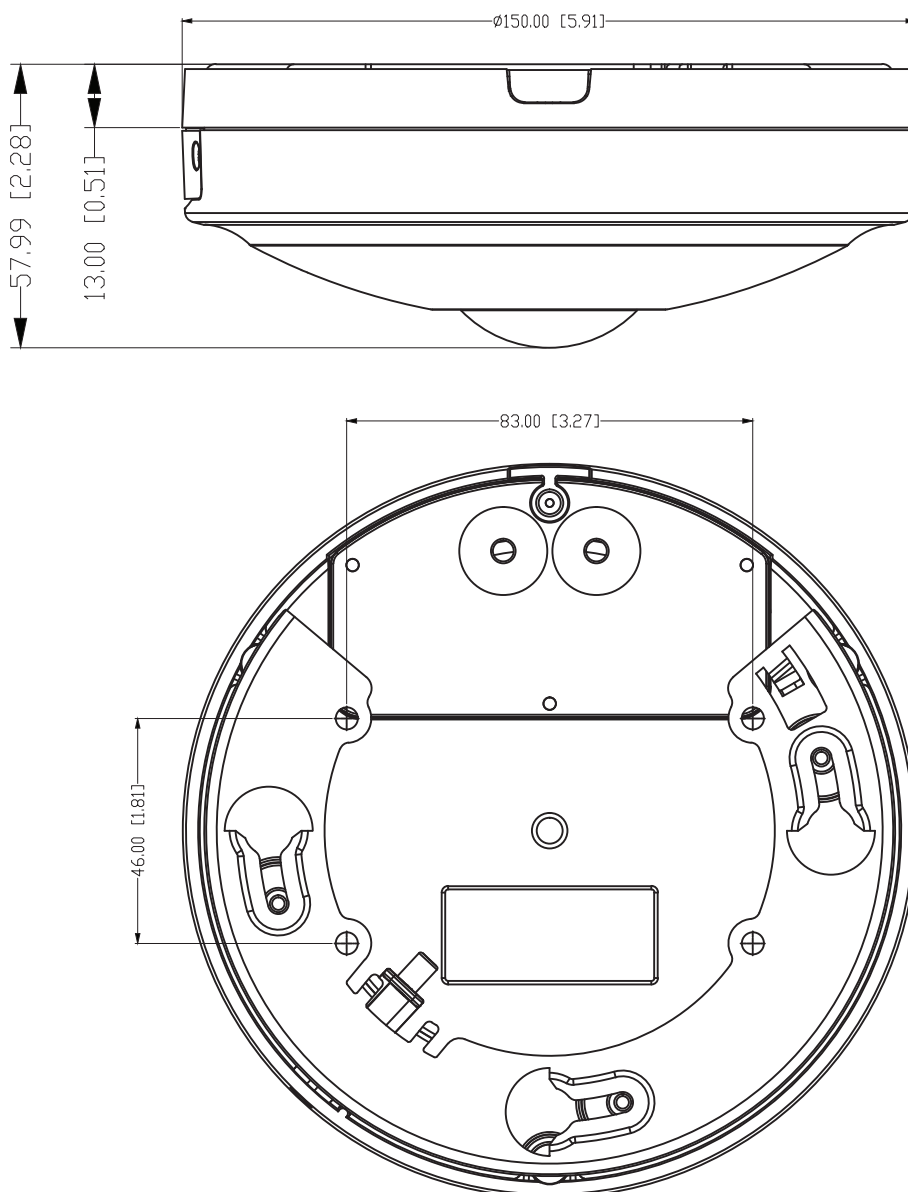
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View Modes

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

Model Number	Description
IPSMDWALL3	Mini-dome, indoor/outdoor wall mount kit, White
ADCi6DPCAPOW	Illustra Pendant Cap for PG2 MD, PG2 Fisheyes, PG2 PTZ, 600/610 MD, Outdoor, 3/4" NPT, White
ADLOMARM	Illustra Gooseneck Wall Mount, 3/4" NPT, White
IUPM-WN	Illustra universal pole mount, white (use with IUWM-WN)
IUCM-WN	Illustra universal corner mount, white (use with IUWM-WN)
IUWM-WN	Illustra universal wall mount, white
IUPC-W6	Illustra universal 6" pendant cap, white
IUJB-W6	Illustra universal 6" junction box, white
IPMP-FE	Illustra Pro G4 mount plate for fisheye
IBWT-P-ISWB-A	Tilt Wall Mount

