

Pro 12MP Fisheye Camera



Key Features

- Integrated IR illuminator provides high-quality video up to 50 feet
- IP66 and IK10 rated for weather and vandal-resistance
- Single or multiple fixed views should forensic investigations be required
- 12MP images for super high quality images; 9MP FE / 4MP dewarped
- Digital Wide Dynamic Range to balance scenes in challenging lighting conditions

Excellent Performance in Outdoor and Low Light Environments

The Illustra Pro 12MP Fisheye camera provides a 180° panoramic view when mounted on the wall, or a 360° bird's eye view when mounted on a ceiling. The camera is ideal for outdoor applications such as parking lots, airport tarmacs, university campuses, and more. The camera's ePTZ movements are ultra-smooth, creating even transitions while onboard dewarping technology provides distortion-corrected video streaming.

Safeguard Against Cyber Attacks Across Devices

Illustra Pro Cameras have been designed to be resilient against cyber-threats. Our products are gated, analyzed, tested and required to meet or exceed the rigorous standards of the Johnson Controls Cyber Solutions Product Security Program for every consecutive release. This holistic approach is aimed at providing peace of mind to our customers. Our security mindset begins at initial design concept and is supported through deployment, including a rapid incident response to meet the comprehensive and evolving cybersecurity environments.

Achieve Clarity Despite Challenging Scene and Lighting Conditions

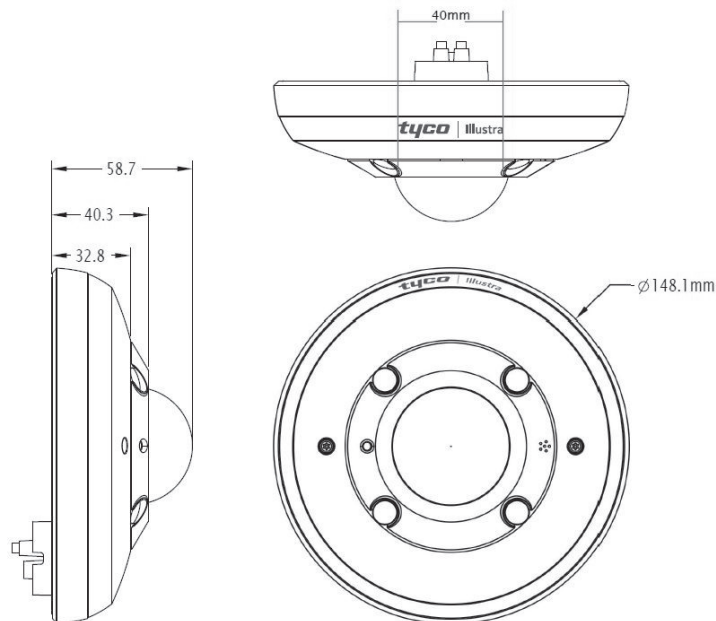
Illustra cameras deliver exceptional images even with highly contrasted images in a scene. Cameras available with Digital Wide Dynamic Range functionality have special software that allows them to balance foreground and background lighting for one clear image, while still maintaining the right color balance. Additionally, the powerful processor combines with a light sensor and switches the camera automatically between color and monochrome modes, providing quality images even in ultra-low light scenarios.

Specifications

Operational																							
Video Compression	H.264 / H.265 / IntelliZip / MJPEG																						
Max Frame Rate	30ips @ 12MP, 30ips @ 1080p																						
Resolution & Aspect Ratio	<table border="1"> <thead> <tr> <th>Edge Dewarp</th> <th>Client Dewarp</th> </tr> </thead> <tbody> <tr> <td>(2976x2976) 1:1</td> <td>(2992x2992) 1:1</td> </tr> <tr> <td>(2048x2048) 1:1</td> <td>(2048x2048) 1:1</td> </tr> <tr> <td>(2048x1536) QXGA 4:3</td> <td>(1408x1408) 1:1</td> </tr> <tr> <td>(1920x1080) 1080p 16:9</td> <td>(1072x1072) 1:1</td> </tr> <tr> <td>(1600x1200) 4:3</td> <td>(960x960) 1:1</td> </tr> <tr> <td>(1408x1408) 1:1</td> <td>(720x720) 1:1</td> </tr> <tr> <td>(960x960) 1:1</td> <td>(640x640) 1:1</td> </tr> <tr> <td>(960x720) 4:3</td> <td>(480x480) 1:1</td> </tr> <tr> <td>(960x544) 16:9</td> <td>(384x384) 1:1</td> </tr> <tr> <td>(480x360) 480 4:3</td> <td></td> </tr> </tbody> </table>	Edge Dewarp	Client Dewarp	(2976x2976) 1:1	(2992x2992) 1:1	(2048x2048) 1:1	(2048x2048) 1:1	(2048x1536) QXGA 4:3	(1408x1408) 1:1	(1920x1080) 1080p 16:9	(1072x1072) 1:1	(1600x1200) 4:3	(960x960) 1:1	(1408x1408) 1:1	(720x720) 1:1	(960x960) 1:1	(640x640) 1:1	(960x720) 4:3	(480x480) 1:1	(960x544) 16:9	(384x384) 1:1	(480x360) 480 4:3	
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Video Streams	Triple																						
Imager	Progress Scan RGB CMOS 1/1.7"																						
Lens Type	Glass Aspherical																						
Focal Length	1.5 mm																						
Field of View	180°																						
Aperture	F2.8																						
Minimum Illumination																							
Color	0.6 Lux @ 1/15s 0.2 Lux @ 1/4s																						
B/W	0.003 Lux @ 1/4s																						
IR Illumination	Yes																						
IR Distance	15m																						
Wide Dynamic Range	Tone Mapping																						
Day/Night	Mechanical ICR																						
ONVIF-Compliant	Profile S, G, Q																						
Motion Detection	Yes																						
Privacy Zones	9																						
Alarm Input/Output	1/1																						
Audio	1/1																						
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																						
Network																							
Ethernet Interface	10/100/1Gbps Ethernet, RJ-45																						
Supported 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	IE10 or higher
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	microSDXC 64GB
Pre-Alarm Recording	10 sec
Recording Format	AVI
Recording Trigger	Video Motion, Alarm Input, Network Failure Detection
Electrical	
Power Input	DC 12V, Power over Ethernet (PoE) IEEE 802.3af/802.3at Type 1 Class 3
Power Draw	7.1W PoE, 8.1W DC12V
Physical	
Dimensions (RxH)	Ø5.83 x 2.31 in (Ø148.1 x 58.7 mm)
Weight	0.73 lb (330 g)
Housing Color	RAL 9003 - Signal White
Operating Temperature	-22°F - 122°F (-30°C - 50°C)
Humidity	Up to 95% RH Non-Condensing
Vandal Resistant	IK10
Outdoor Rating	IP66
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

Pro 12MP Fisheye



Accessories

Accessory Type	Image	Model Number	Description	Dimensions	Color
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)	RAL 9003
Pendant Cap		ADCi6DPCAPOW	Pendant Cap: Outdoor, White	Ø5.8 x 2.2 x 5.8 in (Ø148 x 55 x 147.4 mm)	RAL 9003
Gooseneck Arm		ADLOMARM	For use with Pendant Cap	4.4 x 8.78 x 4.4 in (112.5 x 222.9 x 112.5 mm)	RAL 9003
Pole Mount Adapter		ADCDMPOLE	For use with Pendant Cap and Gooseneck Arm, or directly to the camera back plate	Wraps around pole	RAL 9003
Outside Corner Mount Adapter		ADCDMCRNRO	For use with Pendant Cap and Gooseneck Arm, or directly to the camera back plate	5.18 x 7.58 in (131.5 x 192.5 mm)	RAL 9003
Tilt Mount		IPFETILTMOUNT	Fisheye tilt mount	Ø7.7 in (Ø196 mm)	RAL 9003

Ordering Information

Model	Description
IPS12-F27-OI02	Illustra Pro 12MP Fisheye, indoor/outdoor, vandal, white, TDN, w/IR, DWDR

Accessories

Model	Description
ADCiM6WALLWK	Illustra Wall Mount Adapter for PG2 MiniDomes, PG2 Fisheyes, 600/610 MiniDomes, PG2 PTZ, 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
ADCDMPOLE	Illustra Pole Kit for use ADLOMARM / ADCBMARM, White
ADCDMCRNRO	Illustra Exterior Corner Bracket for use with ADLOMARM / ADCBMARM, White
IPFETILT MOUNT	Illustra Tilt Mount for Pro Fisheye

About Johnson Controls

Johnson Controls is a global diversified technology and multi-industrial leader serving a wide range of customers in more than 150 countries. Our 120,000 employees create intelligent buildings, efficient energy solutions, integrated infrastructure and next generation transportation systems that work seamlessly together to deliver on the promise of smart cities and communities. Our commitment to sustainability dates back to our roots in 1885, with the invention of the first electric room thermostat.

For additional information, please visit www.illustracameras.com or follow Illustra on LinkedIn, Twitter, and Facebook.