tyco | Illustra

Pro
2MP, 3MP, 5MP Mini-Domes

Key Features

- Face detection identifies human faces while ignoring other moving objects
- Blur detection triggers an alarm when the image is being blurred or is out of focus
- TrickleStor technology for edge-based failover redundancy
- IP66 and IK10 rated for weather and vandal-resistance

Superior Performance with Premium Video Quality

Illustra Pro IP Mini-Domes – available in 2MP, 3MP, and 5MP models - provide crisp and clear high-definition video at full frame rates. All of the Mini-Domes offer superior low light performance, while the 2MP Mini-Dome features UltraVision low light performance tuning to maintain surveillance quality color video at light levels below 1 lux. Also, the cameras include various integrated mounting options to simplify installation.

Transform Data at the Edge with Video Intelligence Analytics

Save resources when you offload analytic streaming from network video recorders to the edge on Illustra cameras. Video Intelligence Analytics provide real-time event alarms that allows for quick reaction to incidents and behaviors as they occur. Choose from a variety of analytic rules to customize the solution that will be most beneficial to your business and begin gather transformative data instantly.

Johnson Controls

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 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. Finally, the camera is equipped with various viewing angles including horizontal view and corridor mode to ensure important details are captured without wasting the field of view.
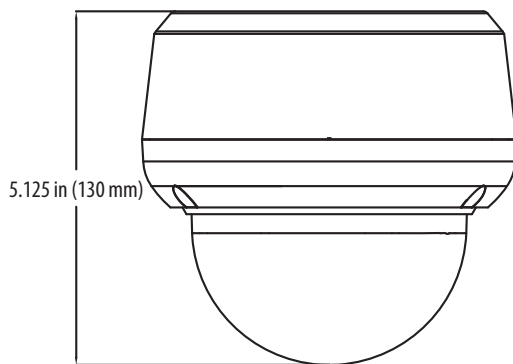
Specifications

Operational			
Video Compression	H.264 / MJPEG		
Max Frame Rate	**2MP** 2MP @ 30ips	**3MP** 3MP @ 30ips	**5MP** 5MP @ 15ips
Resolution & Aspect Ratio	**2MP**		
	Stream 1 1920 x 1080 (1080p) 16:9 1664 x 936 16:9 1280 x 720 (720p) 16:9 1024 x 576 (PAL+) 16:9 640 x 360 (nHD) 16:9 384 x 216 16:9	Stream 2 1280 x 720 (720p) 16:9 1024 x 576 (PAL+) 16:9 640 x 360 (nHD) 16:9 384 x 216 16:9	Stream 3 1024 x 576 (PAL+) 16:9 640 x 360 (nHD) 16:9 384 x 216 16:9
	3MP & 5MP		
	Stream 1 2048 x 1536 (QXGA) 4:3 1920 x 1440 4:3 1600 x 1200 (UXGA) 4:3 1280 x 960 (SXGA) 4:3	Stream 2 1920 x 1080 (1080p) 16:9 1280 x 720 (720p) 16:9 1024 x 768 (1024 XGA) 4:3 1024 x 576 (PAL+) 4:3	Stream 3 768 x 576 4:3 640 x 480 (VGA) 4:3 640 x 360 (nHD) 16:9 480 x 360 (480p) 4:3 384 x 288 4:3 384 x 216 16:9
Video Streams	Triple		
Imager	**2MP**: Progress Scan RGB CMOS 1/2.8"	**3MP&5MP**: Progress Scan RGB CMOS 1/3.2"	
Image Orientation Settings (2MP)	None, Mirror, Flip, Flip and Mirror, Corridor (rotate 90° right or left)		
Image Orientation Settings (3MP/5MP)	None, Mirror, Flip, Flip & Mirror		
Lens Type	Motorized Varifocal		
Focus Control	One-Touch Focus or Remote Adustment		
Focal Length	3-9mm or 9-22mm (3MP Only)		

Field of View (H/V)	2MP 3-9mm	3MP 3-9mm	3MP 9-22mm	5MP 3-9mm
Wide Angle (H/V)	105°/57°	88°/64°	29°/21°	88°/64°
Telephoto (H/V)	36°/20°	30°/22°	12°/9°	30°/22°
Aperture	F/1.2 (3-9mm), F/1.6 (9-22mm)			
Minimum Illumination	2MP 3-9mm	3MP 3-9mm	3MP 9-22mm	5MP 3-9mm
Color	0.03 Lux	0.05 Lux	0.06 Lux	0.3 Lux
B/W	0.001 Lux	0.003 Lux	0.004 Lux	0.02 Lux
w/ IR	0.0 Lux	0.0 Lux	0.0 Lux	0.0 Lux
IR Illumination	Yes			
IR Distance	65.6ft (20m)			
Wide Dynamic Range	**2MP:** Dual Exposure, True WDR 120 dB Technologies **3MP:** Dual Exposure, True WDR 90 dB Technologies **5MP:** WDR Tone Mapping			
Day/Night	True Day/Night with IRC			
Shutter Speed	1 /2 - 1/1000			
ONVIF-Compliant	Profile S			
Motion Detection Zones	Yes			
Blur Detection Zones	Yes			
Video Intelligence Analytics	Linger, exit, direction, abandoned/removed objects, queue, dwell, enter, object detection, crowd			
Face Detection Zones	Yes			
Privacy Zones	4			
Alarms Input/Output	2/1			
Analog Video Output	1.0 Vp-p, BNC pigtail included			
Audio	Bi-directional, Half Duplex			
Simultaneous Users	10			
Supported Languages	Arabic, Chinese (Simplified), Chinese (Traditional), Czech, Danish, English (default), French, German, Hungarian, Italian, Japanese, Korean, Netherlands, Polish, Portuguese, Spanish, Swedish, Turkish			

Network

Ethernet Interface	10/100Base-TX, RJ-45
Supported Protocols	TCP/IP, IPv4, IPv6, TCP, UDP, HTTP, FTP, DHCP, WS-Discovery, DNS, DDNS, RTP, TLS, RTSP, ICMP, Uni-cast, Multicast, NTP, SMTP, WS-Security, SNMP, CIDS, FSTP, UPnP™, SIP

Configuration Management

Web Browsers	IE 10, 11. Firefox, 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	Standard SD format up to 4GB, SDHC format up to 32GB and SDXC up to 128GB
Pre-Alarm Recording	Yes
Recording Format	AVI
Recording Trigger	Dry contact alarms, motion detection, face detection

Electrical

Power Input	24VAC, Power over Ethernet (PoE) IEEE 802.3af/802.3at Type 1 Class 3
Power Draw	PoE: 12.95W, 24VAC: 8W plus 2W for IR and 22W for heater (total 32W)

Physical

	Indoor	Outdoor
Dimensions (RxH)	Ø5.4 x 5.1 in (Ø138 x 130 mm)	Ø6.3 x 5.3 in (Ø160 x 135 mm)

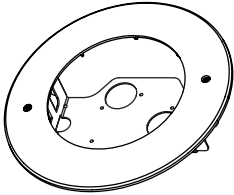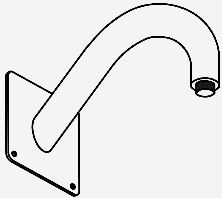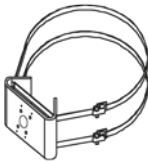|			
Weight	2.20 lbs (1 kg)	3.97 lbs (1.8 kg)	
Housing Color	RAL 9003 – Signal White		
Operating Temperature	14° to 122°F (–10° to 50°C)	PoE: –22° to 122°F (–30° to 50°C) 24VAC: –40° to 122°F (–40° to 50°C) Extended Temperature: 140°F (60°C) for 4 hours a day with IR illuminators OFF1	
Humidity	Up to 95% RH Non-Condensing		
Vandal Resistant	IK10		
Outdoor Rating	N/A	IP66	
Plenum Rating	Yes	N/A	
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		

Indoor Pro Mini-Dome

5.125 in (130 mm)

Outdoor Pro Mini-Dome

5.4 in (136.6 mm)

2.14 in (54.4 mm)
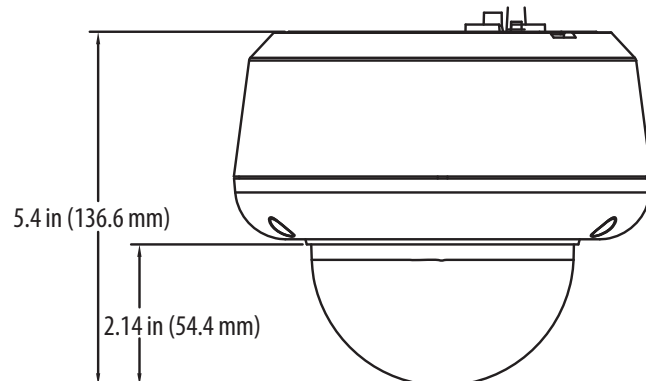
Accessories

Accessory Type	Image	Model Number	Description	Dimensions	Color
Pendant Cap		ADCI6DPCAPOW ADCI6DPCAPOB ADCi6DPCAPIW ADCi6DPCAPIB	Pendant Cap: Indoor/Outdoor, White/Black	**Outdoor** Ø5.8 x 2.2 x 5.8 in (Ø148 x 55 x 147.4 mm) **Indoor** Ø5.2 x 2.2 x 5.8 in (Ø131 x 55 x 147.4 mm)	RAL 9003 RAL 9017
Wall Mount		ADCiM6WALLBK 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 RAL 9017

Flush Mount		IPSMDFLUSHOW IPSMDFLUSHOB	Flush Mount: Outdoor, White/Black	Ø10.236 x 2.459 in (Ø260 x 62.46)	RAL 9003 RAL 9017
Gooseneck Arm		ADLOMARM (White) ADCBMARM (Black)	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 RAL 9017
Pole Mount Adapter		ADCDMPOLE	For use with Pendant Cap and Gooseneck Arm	Wraps around pole	RAL 9003

Ordering Information

Model	Description
2MP Mini-Domes	
IPS02D2OCWIT	Illustra Pro 2MP Mini-dome, 3-9mm, outdoor, vandal, clear, white, TDN w/IR, TWDR
IPS02D2ISWIT	Illustra Pro 2MP Mini-dome, 3-9mm, indoor, vandal, smoked, white, TDN w/IR, TWDR
3MP Mini-Domes	
IPS03D2OCWIT	Illustra Pro 3MP Mini-dome, 3-9mm, outdoor, vandal, clear, white, TDN w/IR, TWDR
IPS03D3OCWIT	Illustra Pro 3MP Mini-dome, 9-22mm, outdoor, vandal, clear, white, TDN w/IR, TWDR
IPS03D2ISWIT	Illustra Pro 3MP Mini-dome, 3-9mm, indoor, vandal, smoked, white, TDN w/IR, TWDR
5MP Mini-Domes	
IPS05D2OCWIY	Illustra Pro 5MP Mini-dome, 3-9mm, outdoor, vandal, clear, white, TDN w/IR, WDR
IPS05D2ISWIY	Illustra Pro 5MP Mini-dome, 3-9mm, indoor, vandal, smoked, white, TDN w/IR, WDR

Accessories

Model	Description
ADCI6DPCAPIW	Illustra Pendant Cap for Pro/Flex Compact Mini-Domes, ¾" NPT, White
ADCi6DPCAPOW	Illustra Pendant Cap for PG2 MD, PG2 Fisheyes, PG2 PTZ, 600/610 MD, Outdoor, ¾" NPT, White
ADCi6DPCAPIB	Illustra Pendant Cap for PG2 MD, PG2 PTZ, 600/610 MD, Indoor, ¾" NPT, Black
ADCi6DPCAPOB	Illustra Pendant Cap for PG2 MD, PG2 PTZ, 600/610 MD, Outdoor, ¾" NPT, Black
ADCiM6WALLWK	Illustra Wall Mount Adapter for PG2 MiniDomes, PG2 Fisheyes, 600/610 MiniDomes, PG2 PTZ, White
ADCiM6WALLBK	Illustra Wall Mount Adapter for PG2 MiniDomes, PG2 Fisheyes, 600/610 MiniDomes, PG2 PTZ, Black
IPSMDFLUSHOW	Illustra Recessed Mount Kit for use with Pro Gen 2, White
IPSMDFLUSHOB	Illustra Recessed Mount Kit for use with Pro Gen 2, Black
ADLOMARM	Illustra Gooseneck Wall Mount, ¾" NPT, White
ADCBMARM	Illustra Gooseneck Wall Mount, ¾" NPT, Black
ADCDMPOLE	Illustra Pole Kit for use ADLOMARM / ADCBMARM, White

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.