

Data Sheet

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 vandalresistance

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.





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	3M	·	5MP
	2MP @ 30ips	3MP @	30lps	5MP @ 15ips
Resolution & Aspect Ratio	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 1 2048 x 1536 (QXGA) 4:3 1920 x 1440 4:3 1600 x 1200 (UXGA) 4:3	Stream 1280 x 720 (1024 x 576 () 640 x 360 () 384 x 21 3MP 8 Stream 1920 x 1080 (1280 x 720 (1024 x 768 (10	m 2 720p) 16:9 PAL+) 16:9 nHD) 16:9 6 16:9 & 5MP m 2 1080p) 16:9 720p) 16:9 124 XGA) 4:3	Stream 3 1024 x 576 (PAL+) 16:9 640 x 360 (nHD) 16:9 384 x 216 16:9 Stream 3 768 x 576 4:3 640 x 480 (VGA) 4:3 640 x 360 (nHD) 16:9
	1280 x 960 (SXGA) 4:3	1024 x 576 ((PAL+) 4:3	480 x 360 (480p) 4:3 384 x 288 4:3 384 x 216 16:9
Video Streams	Triple			
mager	2MP: Progress Scan RGB CMOS 1/2.8" 3MP&5MP: Progress Scan RGB CMOS 1/3.2"			ogress 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 o	r Remote Adjustme	nt
Focal Length	3-9mm or 9-22mm (3MP Only)			





2MP	3MP	3MP	5MP	
3-9mm	3-9mm	9-22mm	3-9mm	
105°/57°	88°/64°	29°/21°	88°/64°	
36°/20°	30°/22°	12°/9°	30°/22°	
	F/1.2 (3-9mm),	F/1.6 (9-22mm)	,	
2MP	3MP	3MP	5MP	
3-9mm	3-9mm	9-22mm	3-9mm	
0.03 Lux	0.05 Lux	0.06 Lux	0.3 Lux	
0.001 Lux	0.003 Lux	0.004 Lux	0.02 Lux	
0.0 Lux	0.0 Lux	0.0 Lux	0.0 Lux	
	Yes			
	65.6ft	(20m)		
· · ·				
	3MP: Dual Exposure, True	WDR 90 dB Technologies		
· · · · · · · · · · · · · · · · · · ·				
	True Day/Nig	ght with IRC		
	Profi	le S		
	Ye	es		
	Ye	 2S		
Linger, exit, direction, abandoned/removed objects, queue, dwell, enter, object detection, crowd				
·				
· ·				
Bi-directional, Half Duplex				
10				
Arabic, Chinese (Simplified), Chinese (Traditional), Czech, Danish, English (default), French, German,				
8				
	10/100Base	-TX, RJ-45		
TCP/IP, IPv4, IPv6, TCP, UDP, HTTP, FTP, DHCP, WS-Discovery, DNS, DDNS, RTP, TLS, RTSP, ICMP, Uni-				
		, ,,,		
Enhanced Security Mode	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				
		- 0-1		
Standard SD t	format up to 4GB, SDHC fo	ormat up to 32GB and SDX	C up to 128GB	
AVI				
	Δ	VI		
			n	
		VI n detection, face detection	n	
	Dry contact alarms, motio	n detection, face detection		
24VAC, F	Dry contact alarms, motio	n detection, face detection	1 Class 3	
24VAC, F	Dry contact alarms, motio	n detection, face detection	1 Class 3	
24VAC, F PoE: 12.9	Dry contact alarms, motio	n detection, face detection	1 Class 3 total 32W)	
	3-9mm 105°/57° 36°/20° 2MP 3-9mm 0.03 Lux 0.001 Lux 0.0 Lux Linger, exit, direction, Arabic, Chinese (Simplifi Hungarian, Italian, Japa TCP/IP, IPv4, IPv6, TCP, UE cast, Multice Enhanced Security Mode cipher minimum); Securit Client;	3-9mm 105°/57° 36°/20° 30°/22° F/1.2 (3-9mm), 2MP 3MP 3-9mm 0.03 Lux 0.001 Lux 0.001 Lux 0.0 Lux 74 65.6ft 2MP: Dual Exposure, True 3MP: Dual Exposure, True 3MP: Dual Exposure, True 5MP: WDR True Day/Nig 1/2 - 3 Profit Ye Linger, exit, direction, abandoned/removed object Ye Arabic, Chinese (Simplified), Chinese (Traditional), Hungarian, Italian, Japanese, Korean, Netherland 10/100Base TCP/IP, IPv4, IPv6, TCP, UDP, HTTP, FTP, DHCP, WS-cast, Multicast, NTP, SMTP, WS-Section; Remote Accessible Audit Standard SD format up to 4GB, SDHC for	3-9mm 3-9mm 9-22mm 105°/57° 88°/64° 29°/21° 36°/20° 30°/22° 12°/9° F/1.2 (3-9mm), F/1.6 (9-22mm) 2MP 3MP 3-9mm 9-22mm 0.03 Lux 0.05 Lux 0.06 Lux 0.001 Lux 0.003 Lux 0.004 Lux 0.0 Lux 0.0 Lux 0.0 Lux 0.0 Lux 0.0 Lux 0.0 Lux Yes 65.6ft (20m) 2MP: Dual Exposure, True WDR 120 dB Technologies 3MP: Dual Exposure, True WDR 90 dB Technologies 5MP: WDR Tone Mapping True Day/Night with IRC 1/2 - 1/1000 Profile S Yes Yes Linger, exit, direction, abandoned/removed objects, queue, dwell, enter, of Yes 4 2/1 1.0 Vp-p, BNC pigtail included Bi-directional, Half Duplex 10 Arabic, Chinese (Simplified), Chinese (Traditional), Czech, Danish, English (de Hungarian, Italian, Japanese, Korean, Netherlands, Polish, Portuguese, Spa 10/100Base-TX, RJ-45 TCP/IP, IPv4, IPv6, TCP, UDP, HTTP, FTP, DHCP, WS-Discovery, DNS, DDNS, RT cast, Multicast, NTP, SMTP, WS-Security, SNMP, CIDS, FSTP, U IE 10, 11. Firefox, Chrome Enhanced Security Mode (forces complex passwords, HTTPS and disables di cipher minimum); Security Overview Page (status and configuration); RTSP A	

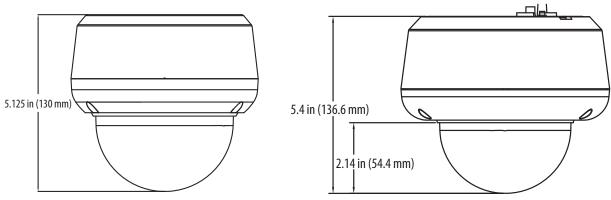




Weight	2.20 lbs (1 kg)	3.97 lbs (1.8 kg)		
Housing Color	RAL 9003 - Signal White			
	14° to 122°F (-10° to 50°C)	PoE: -22° to 122°F (-30° to 50°C)		
On a set in a Tanana a set usa	24VAC: -40° to 122°F (-40° to 50°C)			
Operating Temperature	Extended Temperature: 140°F (60°C) for 4			
		hours a day with 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

Outdoor Pro Mini-Dome



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, 3/4" NPT, White
ADCi6DPCAPOW	Illustra Pendant Cap for PG2 MD, PG2 Fisheyes, PG2 PTZ, 600/610 MD, Outdoor, 3/4" 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, 3/4" 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, 3/4" 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.

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

