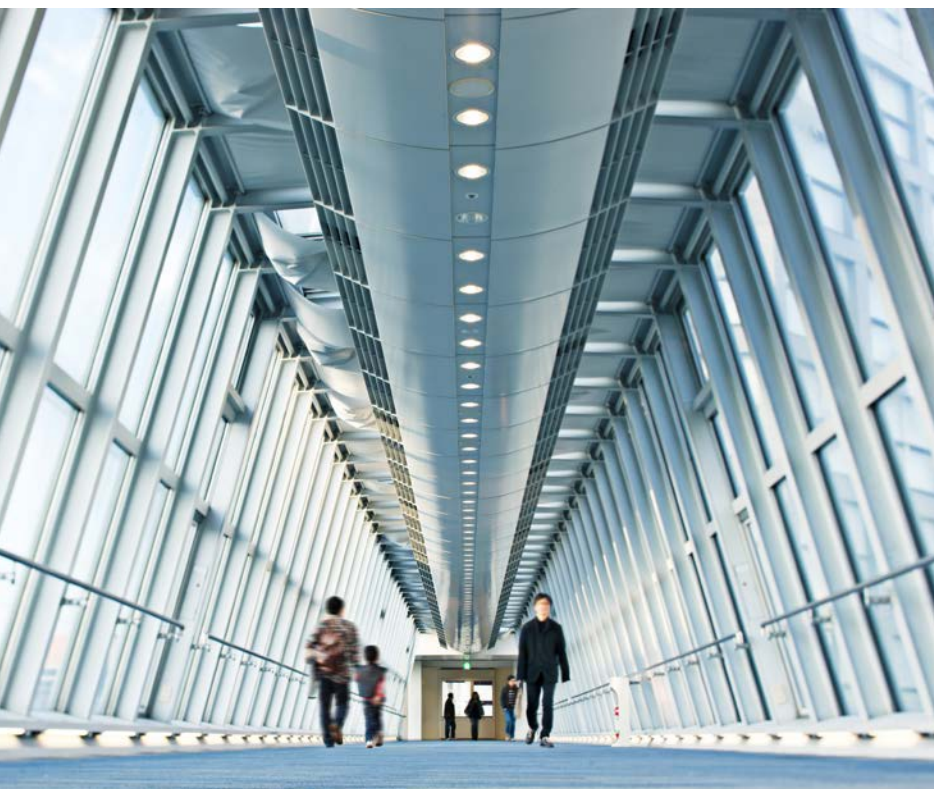*tyco* | **Illustra**

Pro 2MP, 3MP, 5MP, 8MP Mini-Dome

Key Benefits

- Exposure profile settings allow the mini-dome to adapt to scenarios such as license plate recognition, gaming, and more
- Ultra low light capabilities to maintain color image quality without IR
- One-click image profiles allow operators to set, save, and export picture settings
- Improved accuracy for facial detection with updated library and algorithms
- Bubble-free design reduces installation time while increasing IR video quality

Enriched Video Quality With Reduced Configuration Time

The Illustra Pro Gen3 Mini-Dome maximizes video quality while minimizing installation costs and configuration time. Integrated IR provides uninhibited images in total darkness by removing the bubble from the housing, reducing glare and increasing distance capabilities. Additionally, Illustra® IntelliZip bandwidth management has been improved to optimize resource savings in scenes with varying activity levels. Building off the previous generation of cameras, the Gen3 Mini-Dome improves on important features such as Wide Dynamic Range, effective failover redundancy, cybersecurity, and Video Intelligence Analytics. Available in a range of resolutions and lens options, the Gen3 Mini-Dome can be added to a variety of deployments in both medium- and large-sized facilities.

Smart Technologies Simplify Setup and Configuration

Smart Wide Dynamic Range available in the Pro Gen3 Mini-Dome reduces configuration time while greatly improving the quality of the video stream in varying lighting environments. By effectively reading the scene, the Mini-Dome can adjust contrasting and overall scene balance without operator intervention or maintenance. Setup times are also reduced with the addition of application profiles that automatically adjust the camera's settings based on the environment.

Johnson Controls

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 gathering transformative data instantly.

Safeguard Against Cyber Attacks Across Devices

Illustra Pro IP cameras have been designed to be resilient against cyber-threats. This solution includes "secure boot" which ensures the camera will not start if software has been tampered with in any way. Additional safeguard controls include an enhanced security mode which forces the use of complex, non-default passwords and encrypted communications. 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.
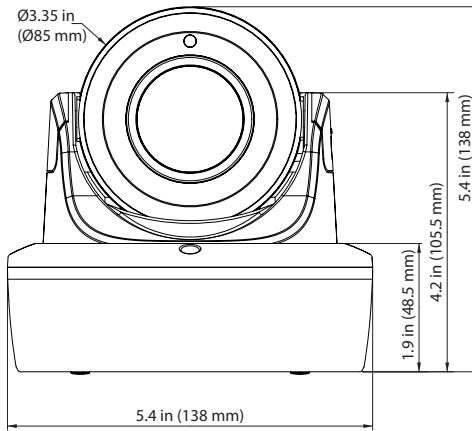
Specifications

Operational	2MP		3MP		5MP		8MP	
Video Compression	H.264 / H.265 / MJPEG / IntelliZip							
Max Frame Rate	2MP @ 60fps		3MP @ 30fps 2MP @ 60fps		5MP @ 30fps 2MP @ 60fps		8MP @ 30fps 2MP @ 60fps	
Resolution & Aspect Ratio	1920x1080 (1080p) 16:9 1664x936 (HD+) 16:9 1280x720 (720p) 16:9 1024x576 (PAL+) 16:9 960x544 (qHD) 16:9 816x464 16:9 640x360 (nHD) 16:9 480x272 16:9		2048x1536 4:3 1920x1080 (1080p) 16:9 1664x936 (HD+) 16:9 1280x960 4:3 1280x720 (720p) 16:9 800x600 (SVGA) 4:3 640x480 (VGA) 4:3 640x360 (nHD) 16:9 480x360 4:3 384x288 4:3		2592x1944 4:3 2048x1536 4:3 1920x1080 (1080p) 16:9 1664x936 (HD+) 16:9 1280x960 4:3 1280x720 (720p) 16:9 800x600 (SVGA) 4:3 640x480 (VGA) 4:3 480x360 4:3 384x288 4:3		3840x2160 (4K) 16:9 3264x1840 16:9 2688x1520 16:9 1920x1080 (1080p) 16:9 1664x936 (HD+) 16:9 1280x720 (720p) 16:9 1024x576 (PAL+) 16:9 960x544 (qHD) 16:9 816x464 16:9 640x360 (nHD) 16:9 480x272 16:9	
Video Streams	Quad Streaming							
Imager	Progressive Scan RGB 1/2.8" CMOS						Progressive Scan RGB 1/1.8" CMOS	
Image Orientation Settings	None, Mirror, Flip, Flip and Mirror, Corridor (rotate 90° right or left)							
Lens Type	Motorized Varifocal and Focus, P-Iris							
Focus Control	One-Touch Auto Focus or Remote Adjustment							
Focal Length	2.7-13.5mm	7-22mm	2.7-13.5mm	7-22mm	2.7-13.5mm	6-22mm	3.6-10mm	6-22mm
Field of View Wide (H/V)	112°/58°	40°/21°	100°/73°	36°/26°	103°/74°	40°/30°	95°/53°	50°/28°
Field of View Telephoto (H/V)	35°/20°	18°/10°	32°/24°	16°/12°	33°/25°	18°/13°	49°/28°	24°/14°
Aperture	f/1.4 (W) f/2.8 (T)	f/1.7 (W) f/2.8 (T)	f/1.4 (W) f/2.8 (T)	f/1.7 (W) f/2.8 (T)	f/1.4 (W) f/2.8 (T)	f/1.6 (W) f/2.4 (T)	f/1.5 (W) f/2.8 (T)	f/1.6 (W f/2.4 (T)

Minimum Illumination
    Color, 1/4s, 30 IRE, AGC
    B/W, 1/4s, 30 IRE, AGC
    w/ IR
	0.01 Lux
	0.0001 Lux
	0.0 Lux
		0.02 Lux
		0.0002 Lux
		0.0 Lux
			0.02 Lux
			0.0002 Lux
			0.0 Lux
				0.03 Lux
				0.0003 Lux
				0.0 Lux
					0.03 Lux
					0.0002 Lux
					0.0 Lux
						0.02 Lux
						0.0002 Lux
						0.0 Lux
							0.03 Lux
							0.0004 Lux
							0.0 Lux
								0.02 Lux
								0.0005 Lux
								0.0 Lux

IR Distance	130ft (40m)							
Dynamic Range	Triple Exposure, True WDR 120 dB Technologies				Dual Exposure, True WDR 110 dB Technologies			
Day/Night	True Day/Night							
Shutter Speed	1/4 - 1/10,000							

ONVIF-Compliant	Profiles S
Video Intelligence Analytics	Linger, Exit, Direction, Abandoned/Removed objects, Queue, Dwell, Enter, Object detection, Crowd, Perimeter
Motion Detection Zones	3
Face Detection	Yes
Blur Detection	Yes
Privacy Zones	9
Alarm Input/Output	2/1
Analog Video Output	Yes
Audio	Bi-Directional Full-Duplex
Simultaneous Users	10
Supported Languages	Arabic, Chinese (Simplified), Chinese (Traditional), Czech, Danish, English (default), French, German, Hungarian, Italian, Japanese, Korean, Netherlands, Polish, Portuguese, Russian, Spanish, Swedish, Turkish

Network

Ethernet Interface	10/100/1000 BaseT, RJ-45, Auto-Negotiation
Supported Protocols	TCP/IP, IPv4, IPv6, TCP, UDP, HTTP, FTP, DHCP, WS-Discovery, DNS, DDNS, RTP, TLS, RTSP, ICMP, Unicast, Multicast, NTP, SMTP, WS-Security, SNMP, CIDS, FSTP, UPnP™, SIP

Configuration Management

Web Browsers	IE 9 and above, Firefox, Safari, Chrome
Security	Secure Boot, 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 SDXC up to 512GB
Pre-Alarm Recording	Yes
Recording Format	MP4 File Format
Recording Trigger	Dry Contact Alarms, Motion Detection, Face Detection, Video Intelligence
TrickleStor	Yes

Electrical

Power	Power over Ethernet (PoE) IEEE 802.3af/802.3at Type 1 Class 3; 24 VAC Max Draw: PoE 12.95W, 24 VAC 16.5W

Physical

Dimensions (RxH)	Ø5.4in x 5.4in (Ø138 x 138mm)
Weight	2.5 lb (1.13 kg)
Housing Color	Signal White - RAL 9003
Operating Temperature	-58° to +140°F (-50° to +60°C)
Humidity	Up to 90% Non-Condensing
Vandal Resistant	IK10
Outdoor Rating	IP66/IP67

Regulatory

Safety	EN60950-1; UL60950-1; IEC 60950-1; CSA 22.2 No. 60950
Emissions	FCC Part 15 Class A; EN55032 Class A; AS/NZS CISPR 32 Class A; ICES-003/NMB-003 Class A
Immunity	EN55024; EN50130-3
Enviornment	RoHS; WEEE

Pro Mini-Domes

Ø3.35 in (Ø85 mm)
5.4 in (138 mm)
4.2 in (105.5 mm)
1.9 in (48.5 mm)
5.4 in (138 mm)

Accessories

Accessory Type	Image	Model Number	Description	Dimensions	Color
Flush Mount		IPSMDFLUSHOW3	Recessed Mount for Indoor/Outdoor Pro Gen3 Mini-Domes	Ø10.236 x 2.459 in (Ø260 x 62.46 mm)	RAL 9003
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)	RAL 9003
Mounting Plate		IPSMDEBPLATE	Universal Electrical Box Mounting Plate	Ø5.6 x 0.13 in (Ø143 x 3.3 mm)	RAL 9003
Pendant Cap		ADCi6DPCAPIW	Pendant Cap: Outdoor, White	Ø5.16 x 2.17 in (Ø141 x 55 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

Ordering Information

Model	Description
IPS02-D12-OI03	2MP Dome, 2.7-13.5mm, TDN, w/IR, Indoor/Outdoor
IPS02-D17-OI03	2MP Dome, 7-22mm, TDN, w/IR, Indoor/Outdoor
IPS03-D12-OI03	3MP Dome, 2.7-13.5mm, TDN, w/IR, Indoor/Outdoor
IPS03-D17-OI03	3MP Dome, 7-22mm, TDN, w/IR, Indoor/Outdoor
IPS05-D12-OI03	5MP Dome, 2.7-13.5mm, TDN, w/IR, Indoor/Outdoor
IPS05-D14-OI03	5MP Dome, 6-22mm, TDN, w/IR, Indoor/Outdoor
IPS08-D13-OI03	8MP Dome, 3.6-10mm, TDN, w/IR, Indoor/Outdoor
IPS08-D14-OI03	8MP Dome, 6-22mm, TDN, w/IR, Indoor/Outdoor

Accessories

Model	Description
IPSMDFLUSHOW3	Illustra Pro Series: Recess Mount, Indoor/Outdoor Gen 3
IPSMDWALL3	Illustra Pro Series: Wall Mount, Indoor/Outdoor
IPSMDEBPLATE	Illustra:Universal Electrical Box Mounting Plate
ADCi6DPCAPIW	Illustra 600/610 Dome pendant cap indoor, white, ¾" NPT
ADLOMARM	Mount, wall arm, no plate
ADCDMPOLE	Twin strap clamp pole-mount adaptor for use with ADCDMWALL. White finish
ADCDMCRNRO	Corner adaptor, outside corner, used with ADLOMARM / ADCBMARM

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.