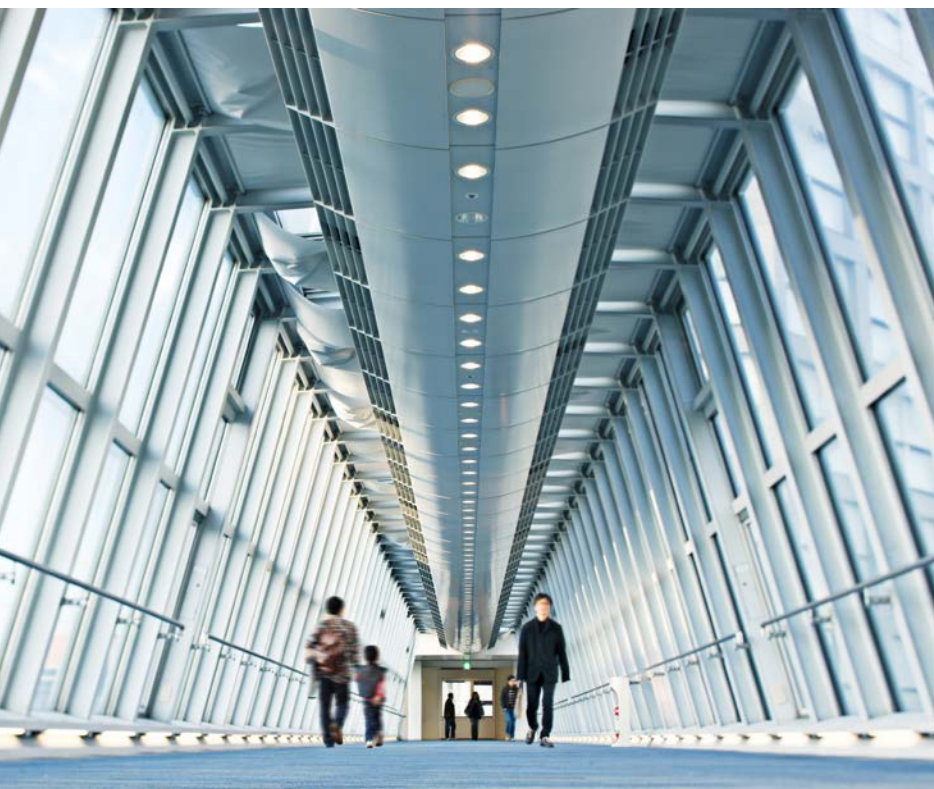




# Illustra Pro 3MP & 4K Mini-Dome



## Key Benefits

- Profile settings allow the mini-dome to adapt to scenarios such as retail, gaming, and more
- Ultra low light capabilities to maintain color image quality without IR
- Dual power failover maximizes camera uptime
- 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.

## 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

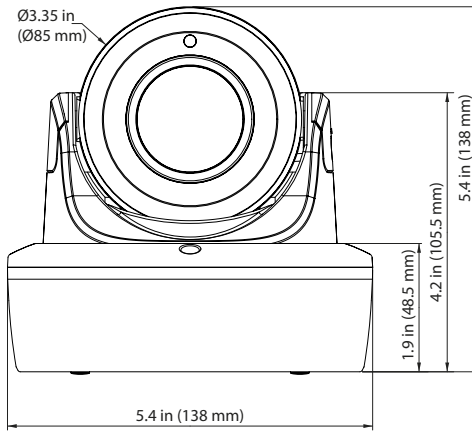
Illustra Pro IP cameras have been designed to be resilient against cyber-threats. This solution includes "secure boot" which ensures the camera will not boot if software has tampered with in any way. Additional safeguard controls include an enhanced security mode which forces the use of complex, non-default passwords and encrypted communications. Illustra Pro IP cameras adhere to the rigorous standards of the Tyco Cyber Protection Product Security Program. The holistic approach to cyber protection 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				
Video Compression	H.264 / H.265 / MJPEG / IntelliZip			
Max Frame Rate	<b>3MP</b> 3MP @ 30fps		<b>8MP</b> 8MP @ 30fps	
Resolution & Aspect Ratio	<b>3MP</b> 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		<b>8MP</b> 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			
Imager	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	<b>3MP</b> 2.7-13.5mm, 7-22mm		<b>8MP</b> 3.6-10mm, 6-22mm	
Field of View (HxV)	<b>3MP</b> Standard Varifocal (H/V) 100°/73° Telephoto (H/V) 32°/24°		<b>8MP</b> 95°/53° 49°/28°	
Shutter Speed	1/4 - 1/10,000			
Minimum Illumination	<b>3MP</b>		<b>8MP</b>	
Focal Length	<b>2.7 - 13.5mm</b>	<b>7 - 22mm</b>	<b>3.6 - 10mm</b>	<b>6 - 22mm</b>
Aperture	<b>F1.4 - 2.8</b>	<b>F1.7 - 2.8</b>	<b>F1.5 - 2.8</b>	<b>F1.6 - 2.4</b>
Color, 1/4s, 30 IRE, AGC	0.02 Lux	0.03 Lux	0.03 Lux	0.02 Lux
B/W, 1/4s, 30 IRE, AGC	0.0002 Lux	0.0003 Lux	0.0004 Lux	0.0005 Lux
w/ IR	0.0 Lux	0.0 Lux	0.0 Lux	0.0 Lux
IR Illumination	Yes			
IR Distance	130ft (40m)			

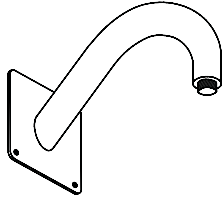
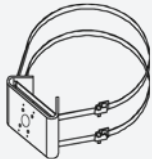
Wide Dynamic Range	<b>3MP</b> Dual Exposure, True WDR 110 dB Technologies	<b>8MP</b> Dual Exposure, True WDR 110 dB Technologies
Day/Night	True Day/Night	
ONVIF-Compliant	Profiles S	
Video Intelligence Analytics	Linger, Exit, Direction, Abandoned/Removed objects, Queue, Dwell, Enter, Object detection, 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	
<b>Network</b>		
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	
<b>Configuration Management</b>		
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	
<b>Onboard Storage</b>		
Card Support	micro SDXC up to 256GB	
Pre-Alarm Recording	Yes	
Recording Format	MP4	
Playback	Via Browser Using FTP	
Recording Trigger	Dry Contact Alarms, Motion Detection, Face Detection, Video Intelligence	
VideoEdge TrickleStor	Yes	
<b>Electrical</b>		
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	
<b>Physical</b>		
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	
<b>Regulatory</b>		
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	
Environment	RoHS; WEEE	

### Pro 3MP & 8MP Mini-Dome



### 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

## Ordering Information

Model	Description
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
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 Pro Dome pendant cap indoor, white, 3/4" NPT
ADLOMARM	Mount, wall arm, no plate
ADCDMPOLE	Twin strap clamp pole-mount adaptor for use with ADCDMWALL. White finish

## 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](http://www.illustracameras.com) or follow Illustra on LinkedIn, Twitter, and Facebook.