

PRO

IP Mini-Domes

2MP, 3MP, 5MP



Features That Make a Difference:

- 2MP, 3MP, 5MP resolutions, triple streaming
- VideoEdge® TrickleStor technology for edge-based failover redundancy
- True WDR on 2MP/3MP models
- 2MP models include UltraVision low-light performance tuning
- 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
- Quick, easy installation and configuration
- One-touch auto focus and motorized zoom
- Multiple motorized lens options
- Reduced storage cost with H.264 and bandwidth management analytics
- Up to five individual programmable regions of interest
- 2MP models feature Corridor Mode for vertical field of view orientation to view hallways or store aisles
- Gaming mode on 2MP/3MP/5MP models
- IP66 and IK10 rated for weather and vandal-resistance
- Superior low-light performance
- Video intelligence analytics

Superior Performance with Premium Video Quality

Smart Design

Illustra Pro IP Mini-Domes – available in 2MP, 3MP, and 5MP models - provide crisp and clear high-definition video at full frame rates. Whether in bright sun, near darkness or blackout conditions, you can easily capture important details for forensic review.

Featuring advanced video intelligence analytics to distribute the load between the camera and VMS, the Pro Mini-Domes provide real time event alarms that allow for quick reaction to incidents and behaviors as they occur.

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.

Use the Pixel Counter function to find the size of an object and determine if the recognition requirement is being met. When a region of interest box is drawn, the GUI will show pixel width and height outside of the actual image.

Fast Uptime

Installation is simple with no additional cost or hardware. The cameras include various integrated mounting options. On indoor cameras, a plenum cap is included as well as mounting clips for recessed installation.

Configuration is simplified using the most common web browsers to access the browser-based camera interface for

feature control including one-touch focus and motorized zoom. Illustra Connect, a powerful desktop remote management and configuration software tool, makes set up and commissioning of multiple cameras even easier.

Seamless Failover Redundancy

The new VideoEdge TrickleStor feature on the Illustra Pro Mini-Domes allows video recording to continue on the edge when an outage occurs. If communications between the NVR and cameras are interrupted or stop, the camera automatically detects the anomaly and begins recording video to its SD card. With TrickleStor, once the connections are restored, the recorded video is then transferred back to the NVR's hard drive for seamless viewing later.

Versatile Lens Options

The Pro Mini-Domes include multiple lens options. The 9-22mm telephoto lens model provides exceptional performance and higher zoom capability, allowing the camera to capture important features of subjects and areas from farther away.

The Theia SL183A 1.8-3mm wide angle lens delivers a constant number of pixels to every area of the image and improves the accuracy of video analytics operating near the edges of the scene. Theia's patented distortion-free lens technology avoids the barrel distortion of other lenses and enables ultra-clear views while covering up to 113° field of view.

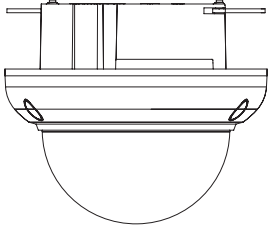
Specifications

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

2MP, 3MP, 5MP IP Mini-Domes										
Operational										
Video Compression	H.264, MJPEG									
Max Frame Rate (primary stream)	2MP			3MP			5MP			
H.264	1920x1080 @ 30fps			2048x1536 @ 30fps			2592x1944 @ 15fps			
MJPEG	1920x1080 @ 30fps			1920x1440 @ 30fps			1920x1440 @ 15fps			
ONVIF-Compliant	Profile S									
Analog Video Output	1.0 Vp-p, BNC pigtail included									
Resolution	2MP									
	Stream 1			Stream 2			Stream 3			
	(1920x1080) 1080p 16:9			(1280x720) 720p 16:9			(1024x576) PAL+ 16:9			
	(1664x936) 16:9			(1024x576) PAL+ 16:9			(640x360) nHD 16:9			
	(1280x720) 720p 16:9			(640x360) nHD 16:9			(384x216) 16:9			
	(1024x576) PAL+ 16:9			(384x216) 16:9						
	(640x360) nHD 16:9									
	(384x216) 16:9									
	3MP & 5MP									
	(2048x1536) QXGA 4:3			(1920x1080) 1080p 16:9			(768x576) 4:3			(384x288) 4:3
	(1920x1440) 4:3			(1280x720) 720p 16:9			(640x480) VGA 4:3			(384x216) 16:9
	(1600x1200) UXGA 4:3			(1024x768) 1024 XGA 4:3			(640x360) nHD 16:9			
	(1280x960) SXGA 4:3			(1024x576) PAL+ 4:3			(480x360) 480 4:3			
Imager	2MP: 1/2.8" 3MP&5MP: 1/3.2"									
Image Orientation Settings (2MP)	None, Mirror, Flip, Flip & Mirror, Corridor (rotate 90° right or left)									
Image Orientation Settings (3MP&5MP)	None, Mirror, Flip, Flip & Mirror									
Day/Night	True Day/Night with IRC									
IR Illumination Optional	Yes									
IR Distances	20m									
Motion Detection	Yes									
Face Detection	Yes									
Privacy Zones	4 zones									
Blur Detection	Yes									
Video Intelligence Analytics	Linger, exit, direction, abandoned/removed objects, queue, dwell, enter, object detection, crowd									
Alarms I/O	2/1									
Audio	bi-directional, half duplex									
Video Streams	3 streams plus analog out									
Minimum Illumination	2MP	2MP	2MP	3MP	3MP	3MP	5MP	5MP	5MP	
Color	1.8-3mm	3-9mm	9-22mm	1.8-3mm	3-9mm	9-22mm	1.8-3mm	3-9mm	9-22mm	
B/W	0.3 lux	0.03 lux	0.04 lux	0.06 lux	0.05 lux	0.06 lux	0.3 lux	0.3 lux	0.4 lux	
With IR (IR Models Only)	0.01 lux	0.001 lux	0.002 lux	0.004 lux	0.003 lux	0.004 lux	0.01 lux	0.02 lux	0.03 lux	
	0.0 lux	0.0 lux	0.0 lux	0.0 lux	0.0 lux	0.0 lux	0.0 lux	0.0 lux	0.0 lux	
Field of View	2MP	2MP	2MP	3MP & 5MP	3MP	3MP	3MP	5MP	5MP	
	1.8-3mm	3-9mm	9-22mm	1.8-3mm	3-9mm	9-22mm	1.8-3mm	3-9mm	9-22mm	
Wide Angle (HxV)	113°/78°	105°/57°	34°/19°	103°/87°	88°/64°	29°/21°	88°/64°	88°/64°	29°/21°	
Telephoto (HxV)	84°/53°	36°/20°	14°/8°	74°/59°	30°/22°	12°/9°	30°/22°	30°/22°	12°/9°	
Dynamic Range	2MP: TWDR 100dB			3MP: TWDR 90dB			5MP: WDR 90dB			
Simultaneous Users	10									
Lens Type	Motorized Varifocal (3-9mm, 9-22mm) and Manual Varifocal (1.8-3mm)									
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, Unicast, Multicast, NTP, SMTP, WS-Security, SNMP, CIDS, FSTP, UPnP™, SIP									
Configuration Management										
Web Browsers	IE 10, 11, Firefox, Chrome									
Security	Multi-Level Password Protection, IP Address Filtering, HTTPS Encryption, User Access Log, IEEE 802.1x Onboard									
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									
Playback	Via browser using FTP									
Recording Trigger	Dry contact alarms, motion detection, face detection									
Electrical										
Power Input	24VAC, PoE IEEE 802.3af Class 3									
Power Draw	PoE: 12.95W, 24VAC: 8W plus 2W for IR and 22W for heater (total 32W)									
Physical										
	Indoor					Outdoor				
Dimensions (WxH)	130 x 138 mm (5.12 x 5.43 in)					135 x 160 mm (5.31 x 6.30 in)				
Weight	1 kg (2.20 lbs)					1.8 kg (3.97 lbs)				
Housing Color	White or Black									
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 OFF ¹				
Vandal Resistant	IK10									
Outdoor Rating	N/A					IP66				
Plenum Rated	Yes					N/A				
Regulatory										
Emissions	EN55032 Class A; FCC Part 15 Class A; ICES-003/NMB-003 Class A; AS/NZS CISPR 22 Class A									
Immunity	EN50130-4; EN55024									
Safety	EN 60950-1; UL 60950-1 CSA 22.2 No. 60950-1; IEC 60950-1									

¹ Outdoor 2MP and 3MP models only.

Pendant / Gooseneck Mounts



Integrated recessed mount

Mounting Options			
Mount	Image	Model Number	Description
Pendant Cap		ADCi6DPCAPIW ADCi6DPCAPIB	Pendant Cap: Indoor, White/Black
		ADCi6DPCAPOW ADCi6DPCAPOB	Pendant Cap: Outdoor, White/Black
Wall Mount		ADCiM6WALLWK ADCiM6WALLBK	Wall Mount Kit: Indoor/Outdoor, White/Black
Flush Mount		IPSMDFLUSHOW IPSMDFLUSHOB	Flush Mount: Outdoor, White/Black

Accessories			
Adapter	Image	Model Number	Description
Gooseneck Arm		ADLOMARM - White ADCBMARM - Black	For use with Pendant Cap
Outside Corner Mount Adapter		ADCDMCRNRO	For use with Pendant Cap and Gooseneck Arm, or directly to the camera back plate.
Pole Mount Adapter		ADCDMPOLE	For use with Pendant Cap and Gooseneck Arm, or directly to the camera back plate.
Smoked Vandal Bubble		IPMDBSMKWIDE	For use with the Pro 2MP/3MP/5MP 1.8-3mm wide angle mini-dome

ILLUSTR A CAMERA MODEL KEY											
ILLUSTR A	SERIES	MODEL	RESOLUTION	FORM FACTOR	LENS	ENVIRONMENT HOUSING	BUBBLE	COLOR	DAY/NIGHT/IR	WDR	OTHER
I	E = Essentials	L = Lite	01 = 1MP	B = Bullet	N = None	N = None	N = None	B = Black	C = Color Only	N = No	A = Hardware Update
	F = Flex	P = Plus	02 = 2MP	C = Compact Dome	F = Fixed	A = Indoor NonVandal	C = Clear	W = White	I = TDN w/IR	T = Multi-Exposure (>60 Frames)	1 = 2.6mm
	P = Pro	S = Standard	03 = 3MP	D = Dome	0 = 1.8–3mm	B = Outdoor NonVandal	S = Smoked		S = Soft Day/Night	Y = Yes	2 = 2.8mm
	Q = Edge		05 = 5MP	F = Fisheye	1 = 2.8–12mm	I = Indoor Vandal			T = TDN		3 = 3.7mm
			08 = 8MP	H = Micro	2 = 3–9mm	O = Outdoor Vandal					
			12 = 12MP	M = Mini-Bullet	3 = 9–22mm						
				P = PTZ	5 = 20x						
				X = Box	6 = 30x						

Related Products



VideoEdge NVR



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Approvals



www.illustracameras.com