illustra
From Tyco Security Products

PRO
IP Mini-Domes
2/3/5MP

Features That Make a Difference:

- 2, 3, 5 megapixel resolutions, triple streaming

- True WDR on 2MP/3MP models

- 2MP models include UltraVision low-light performance tuning

- Face detection and blur detection

- 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 gaming and corridor mode

- IP66 and IK10 ratings

- Superior low light performance

- Video intelligence analytics

- Edge-Ready

Illustra Pro IP Mini-Domes – available in 2, 3, 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. 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.

High-performance processors with state-of-the-art H.264 encoding, advanced analytics and onboard motion detection all contribute to camera efficiency. Your ongoing operational costs are reduced by minimizing bandwidth use and storage requirements while ensuring premium quality video. Video intelligence analytics distribute the load between the camera and VMS, and real time event alarms allow for quick reaction to incidents and behaviors as they occur.

While all of the mini-domes offer superior low light performance, the 2MP mini-dome additionally features our UltraVision low light performance tuning to maintain surveillance quality color video at light levels below 1 lux.

The Illustra Pro IP Mini-Dome cameras support exacqVision Edge VMS software[1]. Using Edge and an SD card for recording storage, the camera effectively serves as a single channel VMS.

Details on exacqVision Edge software and licensing are available at www.exacq.com. By utilizing the Edge-Ready capability, the mini-domes provide an easy, cost-effective and efficient way to deploy a serverless, high-definition IP video system.

Installation is simple with no additional cost or hardware. The cameras include various integrated mounting options including hard surface and electrical box. On indoor cameras, a plenum cap is included as well as mounting clips for recessed flush installation. For specialized installation needs, a wide assortment of mount accessories is available.

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.

(1) The Pro domes cannot run Edge and video intelligence analytics concurrently.
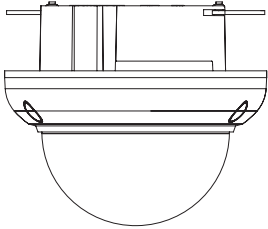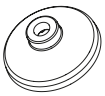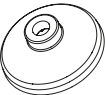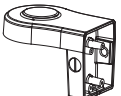
Specifications

2/3/5MP IP Mini-Domes

	Indoor			Outdoor		
Operational						
Video Compression	H.264, MJPEG					
Max Frame Rate (primary stream)	**2MP**	**3MP**	**5MP**	**2MP**	**3MP**	**5MP**
H.264	1920x1080@30fps	2048x1536@30fps	2592x1944@15fps	1920x1080@30fps	2048x1536@30fps	2592x1944@15fps
MJPEG	1920x1080@30fps	1920x1440@30fps	1920x1440@15fps	1920x1080@30fps	1920x1440@30fps	1920x1440@15fps
ONVIF-Compliant	Yes					
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		

3/5MP

(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 16:9	(640x360) nHD 16:9	
(1280x960) SXGA 4:3	(1024x576) PAL+ 4:3	(480x360) 480 4:3	

Imager	1/3.2″ CMOS progressive scan					
Day/Night	Yes					
IR Illumination Optional	Yes					
IR Distances	20m					
Motion Detection	Yes					
Face Detection	Yes					
Privacy Zones	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 3-9mm	2MP 9-22mm	3MP 3-9mm	3MP 9-22mm	5MP 3-9mm	5MP 9-22mm	2MP 3-9mm	3MP and 5MP 3-9mm	2MP 9-22mm
Color	0.03 lux	0.04 lux	0.05 lux	0.06 lux	0.3 lux	0.4 lux	0.03 lux	0.3 lux	0.04 lux
B/W	0.001 lux	0.002 lux	0.003 lux	0.004 lux	0.02 lux	0.03 lux	0.001 lux	0.02 lux	0.002 lux
With IR	0.0 lux	0.0 lux	-	-	-	-	0.0 lux	0.0 lux	0.0 lux

Dynamic Range	2MP: TWDR 100dB 3MP: TWDR 96dB 5MP: WDR 90dB	

Field of View

	2MP 3-9mm	2MP 9-22mm	3MP 3-9mm	3MP 9-22mm	5MP 3-9mm	5MP 9-22mm
Wide Angle (HxV)	105°/57°	34°/19°	87°/64°	28°/21°	88°/64°	29°/21°
Telephoto (HxV)	36°/20°	14°/8°	30°/22°	12°/9°	30°/23°	12°/9°

Simultaneous Users	10
Lens Type	Motorized varifocal
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™
Configuration Management	
Web Browsers	IE 10, 11. Firefox, Chrome
Security	Multi-level, IP address filtering, HTTPS, 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	12.95W

	Physical	
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	-10° to 40°C (14° to 104°F)	PoE: -30° to 50°C (-22° to 122°F) 24VAC: -40° to 50°C (-40° to 122°F) Extended Temperature: 60°C (140°F) for 4 hours a day with IR illuminators OFF*
Vandal Resistant	IK10	
Outdoor Rating	N/A	IP66
Plenum Rated	Yes	No

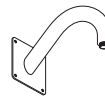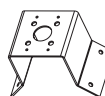|	
Regulatory	
Emissions	EN 55022 Class A; FCC Part 15 Class A; ICES-003/NMB-003 Class A; AS/NZS CISPR 22 Class A
Immunity	EN 50130-4; EN55024
Safety	EN 60950-1; UL 60950-1 CSA 22.2 No. 60950-1; IEC 60950-1

*Outdoor 2MP and 3MP models only.

Ordering Information

2MP Mini-Domes

IPS02D2ICWTT	Illustra Pro 2MP Mini-dome, 3-9mm, indoor, vandal, clear, white, TDN, TWDR
IPS02D2ICWIT	Illustra Pro 2MP Mini-dome, 3-9mm, indoor, vandal, clear, white, TDN w/IR, TWDR
IPS02D2OCWTT	Illustra Pro 2MP Mini-dome, 3-9mm, outdoor, vandal, clear, white, TDN, TWDR
IPS02D2OCWIT	Illustra Pro 2MP Mini-dome, 3-9mm, outdoor, vandal, clear, white, TDN w/IR, TWDR
IPS02D2ISWTT	Illustra Pro 2MP Mini-dome, 3-9mm, indoor, vandal, smoked, white, TDN, TWDR
IPS02D2ISWIT	Illustra Pro 2MP Mini-dome, 3-9mm, indoor, vandal, smoked, white, TDN w/IR, TWDR
IPS02D2OSWTT	Illustra Pro 2MP Mini-dome, 3-9mm, outdoor, vandal, smoked, white, TDN, TWDR
IPS02D2OSWIT	Illustra Pro 2MP Mini-dome, 3-9mm, outdoor, vandal, smoked, white, TDN w/IR, TWDR
IPS02D2ICBTT	Illustra Pro 2MP Mini-dome, 3-9mm, indoor, vandal, clear, black, TDN, TWDR
IPS02D2ICBIT	Illustra Pro 2MP Mini-dome, 3-9mm, indoor, vandal, clear, black, TDN w/IR, TWDR
IPS02D2OCBTT	Illustra Pro 2MP Mini-dome, 3-9mm, outdoor, vandal, clear, black, TDN, TWDR
IPS02D2OCBIT	Illustra Pro 2MP Mini-dome, 3-9mm, outdoor, vandal, clear, black, TDN w/IR, TWDR
IPS02D2ISBTT	Illustra Pro 2MP Mini-dome, 3-9mm, indoor, vandal, smoked, black, TDN, TWDR
IPS02D2ISBIT	Illustra Pro 2MP Mini-dome, 3-9mm, indoor, vandal, smoked, black, TDN w/IR, TWDR
IPS02D2OSBTT	Illustra Pro 2MP Mini-dome, 3-9mm, outdoor, vandal, smoked, black, TDN, TWDR
IPS02D2OSBIT	Illustra Pro 2MP Mini-dome, 3-9mm, outdoor, vandal, smoked, black, TDN w/IR, TWDR
IPS02D3ICWTT	Illustra Pro 2MP Mini-dome, 9-22mm, indoor, vandal, clear bubble, white housing, TDN, TWDR
IPS02D3ICWIT	Illustra Pro 2MP Mini-dome, 9-22mm, indoor, vandal, clear bubble, white housing, TDN w/IR, TWDR
IPS02D3ISWTT	Illustra Pro 2MP Mini-dome, 9-22mm, indoor, vandal, smoked bubble, white housing, TDN, TWDR
IPS02D3ISWIT	Illustra Pro 2MP Mini-dome, 9-22mm, indoor, vandal, smoked bubble, white housing, TDN w/IR, TWDR
IPS02D3ICBTT	Illustra Pro 2MP Mini-dome, 9-22mm, indoor, vandal, clear bubble, black housing, TDN, TWDR
IPS02D3ICBIT	Illustra Pro 2MP Mini-dome, 9-22mm, indoor, vandal, clear bubble, black housing, TDN w/IR, TWDR
IPS02D3ISBTT	Illustra Pro 2MP Mini-dome, 9-22mm, indoor, vandal, smoked bubble, black housing, TDN, TWDR
IPS02D3ISBIT	Illustra Pro 2MP Mini-dome, 9-22mm, indoor, vandal, smoked bubble, black housing, TDN w/IR, TWDR
IPS02D3OCWIT	Illustra Pro 2MP Mini-dome, 9-22mm, outdoor, vandal, clear, white, TDN, TWDR

3 MP Mini-Domes

IPS03D2ICWTT	Illustra Pro 3MP Mini-dome, 3-9mm, indoor, vandal, clear, white, TDN, TWDR
IPS03D2ICWIT	Illustra Pro 3MP Mini-dome, 3-9mm, indoor, vandal, clear, white, TDN w/IR, TWDR
IPS03D2OCWTT	Illustra Pro 3MP Mini-dome, 3-9mm, outdoor, vandal, clear, white, TDN, TWDR
IPS03D2OCWIT	Illustra Pro 3MP Mini-dome, 3-9mm, outdoor, vandal, clear, white, TDN w/IR, TWDR
IPS03D2ISWTT	Illustra Pro 3MP Mini-dome, 3-9mm, indoor, vandal, smoked, white, TDN, TWDR
IPS03D2ISWIT	Illustra Pro 3MP Mini-dome, 3-9mm, indoor, vandal, smoked, white, TDN w/IR, TWDR
IPS03D2OSWTT	Illustra Pro 3MP Mini-dome, 3-9mm, outdoor, vandal, smoked, white, TDN, TWDR
IPS03D2OSWIT	Illustra Pro 3MP Mini-dome, 3-9mm, outdoor, vandal, smoked, white, TDN w/IR, TWDR
IPS03D2ICBTT	Illustra Pro 3MP Mini-dome, 3-9mm, indoor, vandal, clear, black, TDN, TWDR
IPS03D2ICBIT	Illustra Pro 3MP Mini-dome, 3-9mm, indoor, vandal, clear, black, TDN w/IR, TWDR
IPS03D2OCBTT	Illustra Pro 3MP Mini-dome, 3-9mm, outdoor, vandal, clear, black, TDN, TWDR
IPS03D2OCBIT	Illustra Pro 3MP Mini-dome, 3-9mm, outdoor, vandal, clear, black, TDN w/IR, TWDR
IPS03D2ISBTT	Illustra Pro 3MP Mini-dome, 3-9mm, indoor, vandal, smoked, black, TDN, TWDR
IPS03D2ISBIT	Illustra Pro 3MP Mini-dome, 3-9mm, indoor, vandal, smoked, black, TDN w/IR, TWDR
IPS03D2OSBTT	Illustra Pro 3MP Mini-dome, 3-9mm, outdoor, vandal, smoked, black, TDN, TWDR
IPS03D2OSBIT	Illustra Pro 3MP Mini-dome, 3-9mm, outdoor, vandal, smoked, black, TDN w/IR, TWDR
IPS03D3ICWTT	illustra Pro 3MP Minidome, 9-22mm, indoor, vandal, clear, white, TDN, TWDR
IPS03D3ICWIT	illustra Pro 3MP Minidome, 9-22mm, indoor, vandal, clear, white, TDN w/IR, TWDR
IPS03D3ISWTT	illustra Pro 3MP Minidome, 9-22mm, indoor, vandal, smoked, white, TDN, TWDR
IPS03D3ISWIT	illustra Pro 3MP Minidome, 9-22mm, indoor, vandal, smoked, white, TDN w/IR, TWDR
IPS03D3ICBTT	illustra Pro 3MP Minidome, 9-22mm, indoor, vandal, clear, black, TDN, TWDR
IPS03D3ICBIT	illustra Pro 3MP Minidome, 9-22mm, indoor, vandal, clear, black, TDN w/IR, TWDR
IPS03D3ISBTT	illustra Pro 3MP Minidome, 9-22mm, indoor, vandal, smoked, black, TDN, TWDR
IPS03D3OCWIT	Illustra Pro 3MP Mini-dome, 9-22mm, outdoor, vandal, clear, white, TDN, TWDR

5MP Mini-Domes

IPS05D2ICWTY	Illustra Pro 5MP Mini-dome, 3-9mm, indoor, vandal, clear, white, TDN, WDR
IPS05D2ICWIY	Illustra Pro 5MP Mini-dome, 3-9mm, indoor, vandal, clear, white, TDN w/IR, WDR
IPS05D2OCWTY	Illustra Pro 5MP Mini-dome, 3-9mm, outdoor, vandal, clear, white, TDN, WDR
IPS05D2OCWIY	Illustra Pro 5MP Mini-dome, 3-9mm, outdoor, vandal, clear, white, TDN w/IR, WDR
IPS05D2ISWTY	Illustra Pro 5MP Mini-dome, 3-9mm, indoor, vandal, smoked, white, TDN, WDR
IPS05D2ISWIY	Illustra Pro 5MP Mini-dome, 3-9mm, indoor, vandal, smoked, white, TDN w/IR, WDR
IPS05D2OSWTY	Illustra Pro 5MP Mini-dome, 3-9mm, outdoor, vandal, smoked, white, TDN, WDR
IPS05D2OSWIY	Illustra Pro 5MP Mini-dome, 3-9mm, outdoor, vandal, smoked, white, TDN w/IR, WDR
IPS05D2ICBTY	Illustra Pro 5MP Mini-dome, 3-9mm, indoor, vandal, clear, black, TDN, WDR
IPS05D2ICBIY	Illustra Pro 5MP Mini-dome, 3-9mm, indoor, vandal, clear, black, TDN w/IR, WDR
IPS05D2OCBTY	Illustra Pro 5MP Mini-dome, 3-9mm, outdoor, vandal, clear, black, TDN, WDR
IPS05D2OCBIY	Illustra Pro 5MP Mini-dome, 3-9mm, outdoor, vandal, clear, black, TDN w/IR, WDR
IPS05D2ISBTY	Illustra Pro 5MP Mini-dome, 3-9mm, indoor, vandal, smoked, black, TDN, WDR
IPS05D2ISBIY	Illustra Pro 5MP Mini-dome, 3-9mm, indoor, vandal, smoked, black, TDN w/IR, WDR
IPS05D2OSBTY	Illustra Pro 5MP Mini-dome, 3-9mm, outdoor, vandal, smoked, black, TDN, WDR
IPS05D2OSBIY	Illustra Pro 5MP Mini-dome, 3-9mm, outdoor, vandal, smoked, black, TDN w/IR, WDR
IPS05D3ICWTY	illustra Pro 5MP Minidome, 9-22mm, indoor, vandal, clear, white, TDN, WDR
IPS05D3ICWIY	illustra Pro 5MP Minidome, 9-22mm, indoor, vandal, clear, white, TDN w/IR, WDR
IPS05D3ISWTY	illustra Pro 5MP Minidome, 9-22mm, indoor, vandal, smoked, white, TDN, WDR
IPS05D3ISWIY	illustra Pro 5MP Minidome, 9-22mm, indoor, vandal, smoked, white, TDN w/IR, WDR
IPS05D3ICBTY	illustra Pro 5MP Minidome, 9-22mm, indoor, vandal, clear, black, TDN, WDR
IPS05D3ICBIY	illustra Pro 5MP Minidome, 9-22mm, indoor, vandal, clear, black, TDN w/IR, WDR
IPS05D3ISBTY	illustra Pro 5MP Minidome, 9-22mm, indoor, vandal, smoked, black, TDN, WDR
IPS05D3ISBIY	illustra Pro 5MP Minidome, 9-22mm, indoor, vandal, smoked, black, TDN w/IR, WDR
IPS05D3OCWIY	Illustra Pro 5MP Mini-dome, 9-22mm, outdoor, vandal, clear, white, TDN

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.

ILLUSTRA CAMERA MODEL KEY

ILLUSTRA	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	G = Gray	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 = Silver	S = Soft Day/Night	Y = Yes	2 = 2.8mm
	Q = Edge		05 = 5MP	F = Fisheye	1 = 2.8—12mm	I = Indoor Vandal		W = White	T = TDN		3 = 3.7mm
			12 = 12MP	H = Micro	2 = 3—9mm	O = Outdoor Vandal					
				M = Mini-Bullet	3 = 9—22mm						
				P = PTZ	4 = 9—40mm						
				X = Box	5 = 20x						
					6 = 30x						

Related Products

VideoEdge NVR

victor

exacqVision

Approvals

Driving network video through global standardization

www.illustracameras.com