

# Flex 3MP Mini-Domes



Outdoor Model



Indoor Model

## Features That Make a Difference:

- 3MP resolution for true HD quality images
- P-Iris for image clarity in changing light conditions
- TrickleStor technology for edge-based failover redundancy
- Illustra® IntelliZip offers powerful video compression technology for bandwidth management
- True Day/Night functionality for quality video recording in low light conditions
- True Wide Dynamic Range
- Corridor Mode Orientation
- IR illumination for clear images in low light conditions on the indoor and outdoor models
- Small, discreet mini-dome form factor
- Operating temperature for outdoor model to -50°C using PoE
- Motion detection for exception monitoring and alerts
- IP67-rated outdoor model enclosure to protect against dust and water damage
- IK10 vandal-resistant rating
- ONVIF compliant
- Compatible with VideoEdge on-board suite of video analytics
- Included in the Cyber Protection Program

## High-Quality Video Recording with Enhanced Bandwidth Management

### Optimal Image Clarity

The versatile Illustra Flex Mini-Dome is a True Day/Night camera that provides 3MP full HD resolution for high-quality images in both indoor and outdoor environments. The P-Iris lens delivers clear video in changing light. Also, the Flex Mini-Dome features built-in IR illuminators to produce clear images at an effective distance in a variety of low light conditions.

The True Day/Night functionality switches the camera automatically between colour, and black and white mode depending on the ambient illumination level allowing the camera to maintain crystal clear images day or night.

### Smart Bandwidth Management

Illustra® IntelliZip provides powerful bandwidth management beyond H.264 and H.265, reducing network bandwidth and video storage requirements. This embedded technology continuously monitors and optimizes system streaming parameters to match the level of activity within the camera's field of view. When the camera detects motion, IntelliZip automatically adjusts the video quality to ensure every detail within the region of interest is captured clearly. When the scene becomes static, IntelliZip continues to optimize bitrate.

### Seamless Failover Redundancy

The new TrickleStor feature on the Illustra Flex product line 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.

### Reduced Cyber Risk

The Flex product family adheres to the rigorous security standards of the Tyco Security Products Cyber Protection Program (CPP)\*. The CPP is an extensive and systemic approach to developing, configuring, and supporting physical security products and systems that help manage the risks associated with cyber-attacks and meet IT security demands.

### Adaptable Design

The compact, aesthetically pleasing Illustra Flex Mini-Dome offers a keenly priced, highly effective video surveillance solution that does not compromise on quality. It is designed for a wide range of applications including small to medium size offices, retail stores, schools and small bank branches. With a recessed mounting option, these cameras can be strategically placed to blend into a variety of both interior and exterior locations such as the cash register terminal at a retail store or above an ATM.

\*See final page

# Specifications

	Indoor	Outdoor
Operational		
Video Compression	H.264 / H.265 / IntelliZip / MJPEG	
Max Frame Rate	30ips @ 3MP, 60ips @ 1080p	
ONVIF Compliant	Profile	
Analogue Video Output	Yes	
Resolution	(2048x1536) QXGA 4:3 (1024x576) PAL+ 16:9 (1920x1080) 1080p 16:9 (640x360) nHD 16:9 (1664x936) 16:9 (480x360) 480 4:3 (1280x720) 720p 16:9 (384x288) 4:3	
Imager	1/2.8" CMOS	
Day/Night	True D/N with ICR	
TrickleStor	Yes	
IR Distance	25m	25m
Motion Detection	3 Zones	
Blur Detection	Yes	
Privacy Zones	9 Zones	
Alarm Input/Output	1/1	
Audio Input/Output	1/1	
Video Streams	Triple	
Minimum Illumination		
Colour	0.03 Lux	
B/W	0.001 Lux	
True Wide Dynamic Range	120dB	
Field of View (H/V)		
Wide Angle	98°/71°	
Telephoto	35°/26°	
Lens Type	Motorized Varifocal and Focus, P-iris control, IR corrective	
Focal length	2.8-12mm	
Aperture	F/1.4(W)~F/2.7(T)	
SNR	50dB	
Supported Languages	Arabic, Czech, Chinese (Simplified), Chinese ( Traditional), Danish, Dutch, English (US), French, German, Hungarian, Italian, Japanese, Korean, Polish, Portuguese (Brazilian), Russian, Spanish, Swedish, Turkish	
Network		
Ethernet Interface Port	10/100Base-T, RJ-45	
Supported Protocols	TCP/IP, IPv4, TCP, UDP, HTTP, FTP, DHCP, WS-Discovery, DNS, DDNS, RTP, RTCP, TLS, Unicast, Multicast IGMP, NTP, SMTP, WS-Security, IEEE 802.1x, PEAP, SSH, HTTPS, SOAP, WSAddressing, CIFS, SNMP, UPNP, RTSP, LLDP	
Configuration Managemen		
Web Browser	Internet Explorer 8.0 or above, Firefox, Safari, Chrome	
Security	Multiple user access levels, IP address filtering, user access log, IEEE 802.1	
Onboard Storage		
Card Support	Micro SDXC Up To 128GB	
Simultaneous Users		
	5 Simultaneous Users	
Electrical		
Power Input	24VAC, PoE IEEE 802.3af class 2	24VAC, PoE IEEE 802.3af class 3
Power Draw	6W	12W
Physical		
Dimensions (WxH)	123x107mm	
Weight	0.93kg (2.05lbs)	0.97kg (2.14lbs)
Housing Colour	White	
Operator Temperature	-20°C to 50°C (-4°F to 122°F)	-50°C to 50°C (-58°F to 122°F)
Vandal Resistant	IK10	
Outdoor Rating	N/A	IP67
Regulatory		
Emissions	FCC Part 15 Class A; AS/NZA CISPR 22 Class A; ICES-003 Class A	
Immunity	EN55024, EN50130-4	
Safety	EN60950-1; UL60950-1; IEC60950-1; CSA 22.2 No. 60950	
Environment	RoHS/WEEE	

### Ordering Information

Model	Description
IFS03D1OCWIT-Z	Flex 3MP outdoor mini dome with IR
IFS03D1ICWIT-Z	Flex 3MP indoor mini dome with IR

### Mounting Options

ADCI6DPCAPIW	Mini-dome pendant cap, indoor/outdoor, white
IFDRECMNT	Recessed Mount for Flex Mini-Domes (IFXX Series)
ADLOMARM	Gooseneck Arm (White)
ADCDMCRNRO	Outside corner mount Adaptor (White)
ADCDMPOLE	Pole Mount Adaptor (White)

### ILLUSTRA CAMERA MODEL KEY

ILLUSTRA	SERIES	MODEL	RESOLUTION	FORM FACTOR	LENS	ENVIRONMENT HOUSING	BUBBLE	COLOUR	DAY/NIGHT/IR	WDR	OTHER
I	E = Essentials	L = Lite	01 = 1MP	B = Bullet	N = None	N = None	N = None	B = Black	C = Colour 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	M = Mini-Bullet	2 = 3–9mm	O = Outdoor Vandal					
				P = PTZ	3 = 9–22mm						
				X = Box	4 = 9–40mm						
					5 = 20x						
					6 = 30x						



\*The CPP is a continuously evolving program. The most recent updates are available for download in firmware versions 1.0.3 and above.

### Related Products



VideoEdge NVR



exacqVision



victor

### Approvals



Driving network video through global standardization

[www.americandynamics.net](http://www.americandynamics.net)