

# Flex

## 8MP Mini-Domes



Outdoor Model



Indoor Model

## Gain Greater Detail and Area Coverage with 4K Resolution

### Features That Make a Difference:

- 4K high-resolution for true HD quality images
- P-Iris for image clarity in changing light conditions
- VideoEdge® 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 balances challenging lighting conditions
- IR illumination for clear images in low light conditions on outdoor model
- Extended temperature available on outdoor model up to 140°F (60°C) for 5 hours a day in indirect sunlight with IR illuminators off
- Motion detection for instant intruder alerts
- IP66- and IP67-rated environmental enclosure to protect against dust and water damage
- IK10 vandal-resistant rating
- ONVIF Profile S conformant for simplified video streaming integrations
- Adheres to the Tyco Cyber Protection Product Security Program

### Record Video at 4K Image Clarity

The powerful Illustra Flex 4K Mini-Dome cameras are designed to offer a high-image quality, feature rich surveillance option for a wide range of applications both indoors and outdoors. The increased amount of pixels per foot in these models improve image detail in wide areas such as loading docks and airport terminals. Also, the outdoor Flex Mini-Dome features built-in IR illuminators to produce clear images at an effective distance in a variety of low light conditions. Installations that strive for a combination of high-resolution and high-performance at a competitive price point, all while simplifying installation and configuration stand to benefit the most from the Flex 4K Mini-Dome.

Complete with both True Day/Night, Wide Dynamic Range, and a P-Iris lens, these cameras are able to balance challenging lighting to produce crystal clear images.

### Smart Bandwidth Management Saves Storage Costs

IntelliZip provides powerful bandwidth management beyond H.264 and H.265, offsetting video storage requirements despite 4K video streaming. 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 up to 8MP resolution to ensure every detail within the region of interest is captured clearly.

### Ensure Failover Redundancy with Confidence

The 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.

### Mitigate Risk in the Cyber Protection Program

The Flex Mini-Domes adhere to the rigorous security standards of the Tyco Cyber Protection Product Security Program. The holistic cyber approach begins at initial design concept, continues through product development, and is supported through deployment, including a rapid incident response to meet the comprehensive and evolving cybersecurity environments.

### Install Options Available in Most Environments

With a small, aesthetically pleasing design, the affordably priced Illustra Flex Mini-Dome offers an effective solution for retail stores, schools, small bank branches and small to medium size offices with a tight budget and a variety of surveillance needs. 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 a drive-thru ATM.

# Specifications

	Indoor	Outdoor
<b>Operational</b>		
Video Compression	H.264 / H.265 / IntelliZip / MJPEG	
Max Frame Rate	8MP @ 15 fps	
ONVIF Compliant	Profile S	
Analog Video Output	Yes	
Resolution	3840x2160 (4K) 16:9 3264x1840 16:9 2592x1944 4:3 2688x1520 16:9 2048x1536 (QXGA) 4:3 1920x1080 (1080p) 16:9	1280x960 (SXGA-) 4:3 1280x720 (720p) 16:9 800x600 (SVGA) 4:3 640x480 (640VGA) 4:3 640x360 (nHD) 16:9
Imager	1/2.5"	
Day/Night	True D/N with ICR	
TrickleStor	Yes	
IR Distance	N/A	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 Streaming with a Maximum of 5 Concurrent Shared Streams	
True Wide Dynamic Range	100dB	
Minimum Illumination	0.03 Lux	
Color	0.03 Lux	
B/W	0.0003 Lux	
Field of View (H/V)	104°/56°	
Wide Angle	104°/56°	
Telephoto	42°/24°	
Lens Type	Motorized Varifocal and Focus, P-iris control, IR corrective	
Focal length	3.4-9mm	
Aperture	F/1.5(W)-F/2.9(T)	
Supported Languages	Arabic, Czech, Chinese (Simplified), Chinese (Traditional), Danish, Dutch, English (US), French, German, Italian, Japanese, Korean, Polish, Portuguese (Brazilian), Russian, Spanish, Turkish	
<b>Network</b>		
Ethernet Interface Port	IEEE 802.3, 10/100Base-T Ethernet, Female RJ45, Auto-Negotiation	
Support Protocols	TCP/IP, IPv4, IPv6, TCP, UDP, HTTP, FTP, DHCP, WS-Discovery, DNS, DDNS, RTP, RTCP, RTSP, TLS, Unicast, Multicast, NTP, ICMP, IGMP, SMTP, WS-Security, IEEE 802.1x, PEAP, EAP-TLS, EAPoL, SSH, HTTPS, SOAP, WSAddressing, CIFS, SNMP, UPNP, RTSP, LLDP	
<b>Configuration Management</b>		
Web Browser	Internet Explorer 8.0 or above, Firefox, Safari, Chrome	
Security	TLS - RFC5246 v1.2, HTTPS (HTTP over TLS) - RFC2818, WS-Security, Certificate Management, Multi-Level Password Protection, IP Address, Filtering, HTTPS Encryption, One-Click Security Hardening, User Access Log, Validate Complex Credentials, Disabling Unused Protocols, IEEE, 802.1x Including: PEAP, EAP-TLS, EAPoL	
<b>Onboard Storage</b>		
Card Support	Micro SD & SDXC slot up to 128GB; Class 10 or higher; Card not included	
<b>Electrical</b>		
Power Input	24VAC, PoE IEEE 802.3af class 2	24VAC, PoE IEEE 802.3af class 3
Power Draw	6W	12W
<b>Physical</b>		
Dimensions	Ø4.8 x 4.2 in (Ø123 x 107 mm)	
Weight	2.05lbs (0.93kg)	2.14lbs (0.97kg)
Housing Color	White	
Operating Temperature	-4°F to 122°F (-20°C to 50°C) No Heater	-58°F to 122°F (-50°C to 50°C) Extended Temperature: 140°F (60°C) for 5 hours a day with IR illuminators OFF <sup>1</sup>
Vandal Resistant	IK10	
Environmental Rating	IP66/IP67	
<b>Regulatory</b>		
Emissions	FCC Part 15 Class A; EN55032 Class A; AS/NZS CISPR 32 Class A; ICES-003/NMB-003 Class A	
Immunity	EN55024, EN50130-4	
Safety	EN60950-1; UL60950-1; CAN/CSA-C22.2 No. 60950-1	
Environment	RoHS/WEEE	

<sup>1</sup>Extended temperature limited to cameras installed in indirect sunlight

### Ordering Information

Model	Description
IFS08D2ICWTT	Illustra Flex 8MP mini-dome, 3.4-9mm, indoor, vandal, clear, white, TDN, TWDR
IFS08D2OCWIT	Illustra Flex 8MP mini-dome, 3.4-9mm, outdoor, vandal, clear, white, TDN w/IR, TWDR

### Accessories

ADC16DPCAPIW	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)
IFMDBWSMK	Illustra Flex Mini-Dome Smoked Vandal Bubble Assembly

### ILLUSTRATION CAMERA MODEL KEY

ILLUSTRATION	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



exacqVision



victor

### Approvals



Driving network video through global standardization

[www.illustracameras.com](http://www.illustracameras.com)