illustra
From Tyco Security Products

Flex
3MP Mini-Domes

Outdoor Model   **Indoor Model**

Features That Make a Difference:

- 3MP resolution for high-resolution video streaming and recording

- 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

Efficiently Manage Bandwidth Resources While Streaming High-Quality Video

Stream Video with HD Resolution

The versatile Illustra Flex Mini-Dome is a True Day/Night camera that provides 3MP resolution for high-quality images in both indoor and outdoor environments. The P-Iris lens delivers clear video in changing light. 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.

The True Day/Night functionality switches the camera automatically between color, 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 Saves Storage Costs

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.

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 Cyber Security Risk

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
Operational		
Video Compression	H.264 / H.265 / IntelliZip / MJPEG	
Max Frame Rate	3MP @ 30ips, 2MP @ 60ips	
ONVIF Compliant	Profile S	
Analog Video Output	Yes	
Resolution	2048x1536 (QXGA) 4:3 1920x1080 (1080p) 16:9 1664x936 16:9 1280x720 (720p) 16:9	1024x576 (PAL+) 16:9 640x360 (nHD) 16:9 480x360 (480) 16:9 384x288 4:3
Imager	1/2.8"	
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	120dB	
Minimum Illumination		
Color	0.03 Lux	
B/W	0.001 Lux	
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)	
Supported Languages	Arabic, Czech, Chinese (Simplified), Chinese (Traditional), Danish, Dutch, English (US), French, German, Italian, Japanese, Korean, Polish, Portuguese (Brazilian), Russian, Spanish, Turkish	
Network		
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	
Configuration Management		
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	
Onboard Storage		
Card Support	Micro SD & SDXC slot up to 128GB; Class 10 or higher; Card not included	
Electrical		
Power Input	24VAC, PoE IEEE 802.3af class 2	24VAC, PoE IEEE 802.3af class 3
Power Draw	6W	12W
Physical		
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[1]
Vandal Resistant	IK10	
Environmental Rating	IP66/IP67	
Regulatory		
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	

[1]Extended temperature limited to cameras installed in indirect sunlight

Ordering Information

Model	Description
IFS03D1ICWTT	Illustra Flex 3MP Mini-dome, 2.8-12mm, indoor, vandal, clear, white, TDN, TWDR
IFS03D1OCWIT	Illustra Flex 3MP Mini-dome, 2.8-12mm, outdoor, vandal, clear, white, TDN w/IR, TWDR

Accessories

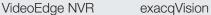|	
ADCI6DPCAPIW	Mini-dome pendant cap, indoor/outdoor, white
IFDRECMNT	Recessed Mount for Flex Mini-Domes (IFXX Series)
ADLOMARM	Gooseneck Arm (White)
ADCDMCRNRO	Outside corner mount Adaptor (White)
ADCDMPOLE	Pole Mount Adaptor (White)
IFMDBWSMK	Illustra Flex Mini-Dome Smoked Vandal Bubble Assembly

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	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

Onvif Driving network video through global standardization

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