illustra
From Tyco Security Products

Flex
8MP Box

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 crystal clear video recording in low light conditions

- True Wide Dynamic Range balances challenging lighting conditions

- Motion detection for instant intruder alerts

- Ideal for a variety of indoor commercial environments

- ONVIF Profile S conformant for simplified video streaming integrations

- Adheres to the Tyco Cyber Protection Product Security Program

Gain Greater Detail and Area Coverage with 4K Resolution

Record Video at 4K Image Clarity

The powerful Illustra Flex 4K Box camera is designed to offer a high-image quality, feature rich surveillance option for a wide range of applications. The increased amount of pixels per foot in these models improve image detail in wide areas such as loading docks and airport terminals. 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 Box.

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 Cyber Security Risk

The Flex Box camera adheres 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

The Illustra Flex Box Camera is easy to set up and install into any environment. This camera accommodates a variety of P-Iris lenses and mounts. Making the Box camera a flexible solution adaptable for most installation or application requirements. For example, choose a telephoto lens for a long, dim hallway or anywhere a longer focal length is required.

Specifications

Operational

Video Compression	H.264 / H.265 / IntelliZip / MJPEG
Max Frame Rate	8MP @ 15 fps
ONVIF-Compliant	Profile S
Analog Video Output	Yes
Resolution Options	3840x2160 (4K) 16:9 1280x960 (SXGA-) 4:3 3264x1840 16:9 1280x720 (720p) 16:9 2592x1944 4:3 800x600 (SVGA) 4:3 2688x1520 16:9 640x480 (640VGA) 4:3 2048x1536 (QXGA) 4:3 640x360 (nHD) 16:9 1920x1080 (1080p) 16:9
Imager	1/2.5"
Day/Night	True D/N with ICR
TrickleStor	Yes
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

Minimum Illumination
   Color
   B/W
	
	0.03 Lux
	0.0003 Lux

True Wide Dynamic Range	100dB
Lens Mount	CS Mount
Lens Type	P-iris control, IR corrective
Focal Length	Auto Back Focus
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	IEEE 802.3, 10/100Base-T Ethernet, Female RJ45, Auto-Negotiation
Supported 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	PoE IEEE 802.3af class 3, 24VAC

Power Draw
   POE
   AC24V
   DC12V
	
	9W
	7W
	11W

Physical

Dimensions (WxLxH)	2.8 x 3.9 x 2.4 in (72 x 100 x 62 mm)
Weight	1.32lbs (0.6kg)
Housing Color	White
Operating Temperature	-4ºF to 122ºF (-20ºC to 50ºC)

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

Ordering Information

Model	Description
IFS08XNANWTT	Illustra Flex 8MP box, no lens, indoor, non-vandal, white, TDN, TWDR

Lens

LIRC3410PCS	Lens, 3.4-10 mm varifocal, P Iris, IR corrected, 1/2.5", CS 8MP

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

www.illustracameras.com