

# Flex 3MP Box



## 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 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

## Efficiently Manage Bandwidth Resources While Streaming High-Quality Video

### Stream Video with HD Resolution

The affordable Illustra Flex Box Camera is a True Day/Night network camera that provides 3MP resolution for high-quality images. Because of its compact design and affordable price, this camera is best suited for small to medium size offices, retail boutiques, schools, and bank branches looking for a cost-effective camera. Strategically placed, these inconspicuous cameras offer high security without attracting unwanted attention.

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 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	3MP @ 30ips, 2MP @ 60ips
ONVIF-Compliant	Profile S
Analog Video Output	Yes
Resolution Options	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
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	0.03 Lux
B/W	0.001 Lux
True Wide Dynamic Range	120dB
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	9W
AC24V	7W
DC12V	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	-4°F to 122°F (-20°C to 50°C)
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
IFS03XNANWTT	Illustra Flex 3MP Box, no lens, indoor, nonvandal, white, TDN, TWDR

### Lens

LIRC3105PCS	Lens, 3-10.5 mm varifocal, P Iris, IR corrected, 1/2.7", CS 3MP
LIRC7550PCS*	Lens, 7.5-50 mm varifocal, P Iris, IR corrected, 1/2.7", CS 3MP

\*Requires firmware v4.01.02.01 or higher to support lens

### ILLUSTRA CAMERA MODEL KEY

ILLUSTR	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)