

Flex

Flex

With a variety of affordable form factors, the Flex product line includes features such as 120dB Wide Dynamic Range to maintain image detail in varying light conditions, motion detection for intruder alerts, and 3D noise reduction. Next generation high-resolution mini-domes, compact mini-dome, bullet, and box cameras feature Illustra IntelliZip, which provides intelligent bandwidth management to reduce video

storage space without compromising quality. These cameras can be strategically placed to blend into a range of interior and exterior locations including a recessed mounting option for the mini-dome cameras.



Flex 3MP & 8MP Mini-Domes

The Flex Mini-Domes are available in 3MP and 8MP resolutions to meet a variety of installation requirements. The versatile 3MP model is a True Day/Night camera that can efficiently manage bandwidth resources while streaming high-quality video. The increased amount of pixels per foot in the 4K form factor make them ideal for installation in wide areas such as loading docks and airport terminals.

- True Day/Night functionality for quality video recording in low light conditions
- True Wide Dynamic Range to simultaneously view high contrast areas
- P-Iris for image clarity in changing light conditions
- Motion detection for instant alerts of intruders
- Rated IP67 and IK10 for weather and vandal resistance
- Recessed mounting option for versatile installations
- ONVIF Profile S compliant for simplified video streaming integrations



Flex 3MP & 8MP Bullet

Featuring a tough exterior, the Illustra Flex Bullet is ideal for exterior applications or harsh environments. With a sleek IP67 rating to protect against dust and water damage, this camera is perfect for areas where it is exposed to the elements.

- True Day/Night functionality for quality video recording in low light conditions
- True Wide Dynamic Range to simultaneously view high contrast
- P-Iris for image clarity in changing light conditions
- Motion detection for instant alerts
- IR illuminators for clear images in low light conditions
- ONVIF Profile S compliant for simplified video streaming integrations



Flex 3MP & 8MP Box

The Flex Box camera is available in 3MP and 8MP resolutions, and is best suited for a variety of indoor, commercial environments looking for a cost effective option. The 3MP form factor is ideal for small to medium sized businesses while the 4K version is the high-resolution, high-performance option that avoids unwanted attention.

- True Wide Dynamic Range to simultaneously view high contrast areas
- P-Iris for image clarity in changing light conditions
- True Day/Night functionality for quality video recording in low light conditions
- ONVIF Profile S compliant for simplified video streaming integrations



Flex IR PTZ

With its 30x optical and 12x digital magnification, the IR PTZ is capable of effectively managing video quality at a distance of up to 1,000ft (305m). Powerful IR LEDs on the outdoor model allow for a night scene illumination of up to 490ft (149m). Packaged in a bubble-free, environmentally sealed, and vandal-resistant design, the Flex IR PTZ maximizes video quality at any tilt angle.

- 2MP resolution for HD quality images
- 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 indoor and outdoor models
- Motion detection instantly alerts operators to intruders
- ONVIF Profile S compliant for simplified video streaming integrations



Flex 3MP Compact Mini-Dome

The Flex Compact Mini-Dome provides crisp and clear high-definition video at 3MP resolution and is ideal for applications such as retail stores, commercial buildings, healthcare facilities, and banks where discretion is important.

- True Wide Dynamic Range to simultaneously view high contrast
- Motion detection for instant alerts of intruders
- Rated IP67 and IK10 for weather and vandal resistance
- ONVIF Profile S compliant for simplified video streaming integrations





FLEX CAMERA GUIDE

		Flex 8MP Indoor Mini-Dome	Flex 8MP Outdoor Mini-Dome	Flex 3MP Indoor Mini-Dome	Flex 3MP Outdoor Mini-Dome
					
Max Frame Rate/Stream		60ips @ 2MP	60ips @ 2MP	60ips @ 2MP	60ips @ 2MP
Max Resolution		3840x2160 16:9	3840x2160 16:9	2048x1536 4:3	2048x1536 4:3
CODEC		MJPEG/H.264/H.265	MJPEG/H.264/H.265	MJPEG/H.264/H.265	MJPEG/H.264/H.265
Illustra IntelliZip		Yes	Yes	Yes	Yes
Video Streams		Triple	Triple	Triple	Triple
Imager		1/2.5"	1/2.5"	1/2.8"	1/2.8"
Analog Video Output		Yes	Yes	Yes	Yes
Day/Night		True Day/Night	True Day/Night	True Day/Night	True Day/Night
Minimum Illumination Lux	Color	0.03 Lux	0.03 Lux	0.03 Lux	0.03 lux
	B/W	0.0003 Lux	0.0003 Lux	0.001 Lux	0.001 lux
	IR	0.0 Lux	0.0 Lux	N/A	0.0 lux
IR Illuminator Range		N/A	82 ft	N/A	82 ft
Focal Length		3.4-9mm	3.4-9mm	2.8-12mm	2.8-12mm
Field of View (H/V)	WA	104°/56°	104°/56°	98°/71°	98°/71°
	TP	42°/24°	42°/24°	35°/26°	35°/26°
Auto Focus / Motorized Zoom		Motorized Varifocal/Focus P-iris control	Motorized Varifocal/Focus P-iris control	Motorized Varifocal/Focus P-iris control	Motorized Varifocal/Focus P-iris control
Onboard Analytics		Motion Detection (3) Privacy Zones (9) Blur Detection	Motion Detection (3) Privacy Zones (9) Blur Detection	Motion Detection (3) Privacy Zones (9) Blur Detection	Motion Detection (3) Privacy Zones (9) Blur Detection
VideoEdge TrickleStor		Yes	Yes	Yes	Yes
Audio Input/Output		Yes	Yes	Yes	Yes
Alarm Input/Output		1/1	1/1	1/1	1/1
Wide Dynamic Range		100dB	100dB	120dB	120dB
Onboard Storage (SD Card)		microSDXC 128GB	microSDXC 128GB	microSDXC 128GB	microSDXC 128GB
Power Input		24VAC, PoE IEEE 802.3af Class 2	24VAC, PoE IEEE 802.3af Class 3	24VAC, PoE IEEE 802.3af Class 2	24VAC, PoE IEEE 802.3af Class 3
Power Draw		6W	12W	6W	12W
Operating Temperature		-4°F to 122°F	-22°F to 122°F Extended: 140°F 4hrs/day	-4°F to 122°F	-22°F to 122°F Extended: 140°F 4hrs/day
Dimensions		4.8 x 4.2in	4.8 x 4.2in	4.8 x 4.2in	4.8 x 4.2in
Outdoor Rating		IP67	IP67	No	IP67
Vandal Resistant		IK10	IK10	IK10	IK10
Model Numbers		IFS08D2ICWTT	IFS08D2OCWIT	IFS03D1ICWTT	IFS03D1OCWIT

FLEX CAMERA GUIDE

Flex 3MP Compact
Mini-DomeFlex 8MP
BulletFlex 3MP
Bullet

Max Frame Rate/Stream		60ips @ 2MP	60ips @ 2MP	60ips @ 2MP
Max Resolution		2048x1536 4:3	3840x2160 16:9	2048x1536 4:3
CODEC		MJPEG/H.264/H.265	MJPEG/H.264/H.265	MJPEG/H.264/H.265
Illustra IntelliZip		Yes	Yes	Yes
Video Streams		Triple	Triple	Triple
Imager		1/2.8"	1/2.5"	1/2.8"
Analogue Video Output		No	Yes	Yes
Day/Night		Soft Day/Night	True Day/Night	True Day/Night
Minimum Illumination Lux	Color	0.01 Lux	0.03 Lux	0.03 Lux
	B/W	N/A	0.0003 Lux	0.001 Lux
	IR	N/A	N/A	0.0 Lux
IR Illuminator Range		N/A	N/A	82 ft
Focal Length		2.8mm	3.4-9mm	2.8-12mm
Field of View (H/V)	WA	102°/77°	104°/56°	98°/71°
	TP	N/A	42°/24°	35°/26°
Auto Focus / Motorized Zoom		Fixed	Motorized Varifocal / Focus P-iris Control	Motorized Varifocal / Focus P-iris Control
Onboard Analytics		Motion Detection (3) Privacy Zones (9) Blur Detection	Motion Detection (3) Privacy Zones (9) Blur Detection	Motion Detection (3) Privacy Zones (9) Blur Detection
VideoEdge TrickleStor		Yes	Yes	Yes
Audio Input/Output		No	Yes	Yes
Alarm Input/Output		N/A	1/1	1/1
Wide Dynamic Range		120dB	100dB	120dB
Onboard Storage (SD Card)		microSDXC 128GB	Micro SDXC Slot Up to 128GB	microSDXC 128GB
Power Input		PoE IEEE 802.3af Class 2	PoE IEEE 802.2af Class 3, 24VAC	PoE IEEE 802.2af Class 3, 24VAC
Power Draw		6W	15W	15W
Operating Temperature		-40°F to 122°F	-40°F to 122°F	-40°F to 122°F
Dimensions		4.3 x 2.0in	Ø3.05 x 9.25in	2.8 x 8.0in
Outdoor Rating		IP67	IP68	IP68
Vandal Resistant		IK10	IK10	IK10
Model Numbers		IFS03CFOCWST	IFS08B2ONWITA	IFS03B1BNWIT

FLEX CAMERA GUIDE

		Flex 8MP Box	Flex 3MP Box			Flex IR PTZ Indoor	Flex IR PTZ Outdoor
							
Max Frame Rate/Stream		60ips @ 2MP	60ips @ 2MP	Min. Illumination Lux		0.2 Lux at 1/30s; 0.03 Lux at 1/4s color 0.001 Lux at 1/4s B/W 0.0 Lux with IR	0.2 Lux at 1/30s; 0.03 Lux at 1/4s color 0.001 Lux at 1/4s B/W 0.0 Lux with IR
Max Resolution		3840x2160 16:9	2048x1536 4:3	Lens - Optical Zoom		Optical - 30x, Digital 12x	Optical - 30x, Digital 12x
CODEC		MJPEG/H.264/H.265	MJPEG/H.264/H.265	Adaptive IR		Yes	Yes
Illustra IntelliZip		Yes	Yes	IR Distance		82ft	492ft
Video Streams		Triple	Triple	Wide Angle (FoV)		56°/45°	56°/45°
Imager		1/2.5"	1/2.8"	Telephoto (FoV)		2.1°/1.6°	2.1°/1.6°
Analog Video Output		Yes	Yes	Max. Video Resolution		1080p	1080p
Day/Night	Color	True Day/Night	True Day/Night	Max. Frame Rate		60ips @ 2MP	6:44:00 PM
	B/W	0.03 Lux	0.03 Lux	Manual Pan/Tilt Speed		0.1° ~ 90°/s	0.1° ~ 90°/s
	IR	0.0003 Lux	0.001 Lux	Preset Pan/Tilt Speed		Pan Speed: 0.1°/s ~ 240°/s Tilt Speed: 0.1° ~ 160°/s	Pan Speed: 0.1°/s ~ 240°/s Tilt Speed: 0.1° ~ 160°/s
IR Illuminator Range		N/A	N/A	Pan Travel		360° continuous	360° continuous
Focal Length		3.4-10mm (LIRC3410PCS)	3-10.5mm (LIRC3105PCS)	Tilt Travel		-15° ~ +90°	-15° ~ +90°
Field of View (H/V)	WA	N/A	N/A	Patterns		17	17
	TP	N/A	N/A	Onboard Analytics		Motion Detection Privacy Zones (8) Blur Detection	Motion Detection Privacy Zones (8) Blur Detection
Auto Focus / Motorized Zoom		P-Iris Control	Manual Varifocal	Power		PoE+ 802.3at Class 4, 24VAC	UPoE 802.3bt Class 6, 24VAC
Onboard Analytics		Motion Detection (3) Privacy Zones (9) Blur Detection	Motion Detection (3) Privacy Zones (9) Blur Detection	Audio		Bi-Directional	Bi-Directional
VideoEdge TrickleStor		Yes	Yes	Model Numbers		IFS02P6INWIT	IFS02P6ONWIT
Audio Input/Output		Yes	Yes				
Alarm Input/Output		1/1	1/1				
Wide Dynamic Range		100dB	120dB				
Onboard Storage (SD Card)		microSDXC 128GB	microSDXC 128GB				
Power Input		PoE IEEE 802.2af Class 3, 24VA	PoE IEEE 802.2af Class 3, 24VA				
Power Draw		9W (PoE) 7W (AC24V) 11W (DC12V)	9W (PoE) 7W (AC24V) 11W (DC12V)				
Operating Temperature		-4°F to 122°F	-4°F to 122°F				
Dimensions		2.8 x 3.9 x 2.4in	2.8 x 3.9 x 2.4in				
Outdoor Rating		No	No				
Vandal Resistant		No	No				
Model Numbers		IFS08XNANWTT	IFS03XNANWTT				