



ILLUSTRA IQ

Illustra Product Guide

Network Cameras, Accessories, Artificial Intelligence (AI) and more

illustracameras.com

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Introduction

Illustra, a division of Johnson Controls, builds on over 135 years of innovation and excellence. Our cameras are designed to meet diverse surveillance needs with advanced technology, ease of installation, and robust security features, delivering exceptional performance and value backed by our proven reliability and experience.

Illustra offers comprehensive surveillance solutions, including dome, License Plate Recognition (LPR), corner, and multi-sensor cameras. These cameras prioritize ease of installation with features like one-touch auto-focus, smart Defog, indoor/outdoor rating, dual power support, and low power consumption, ensuring versatile deployment across various environments and industries.

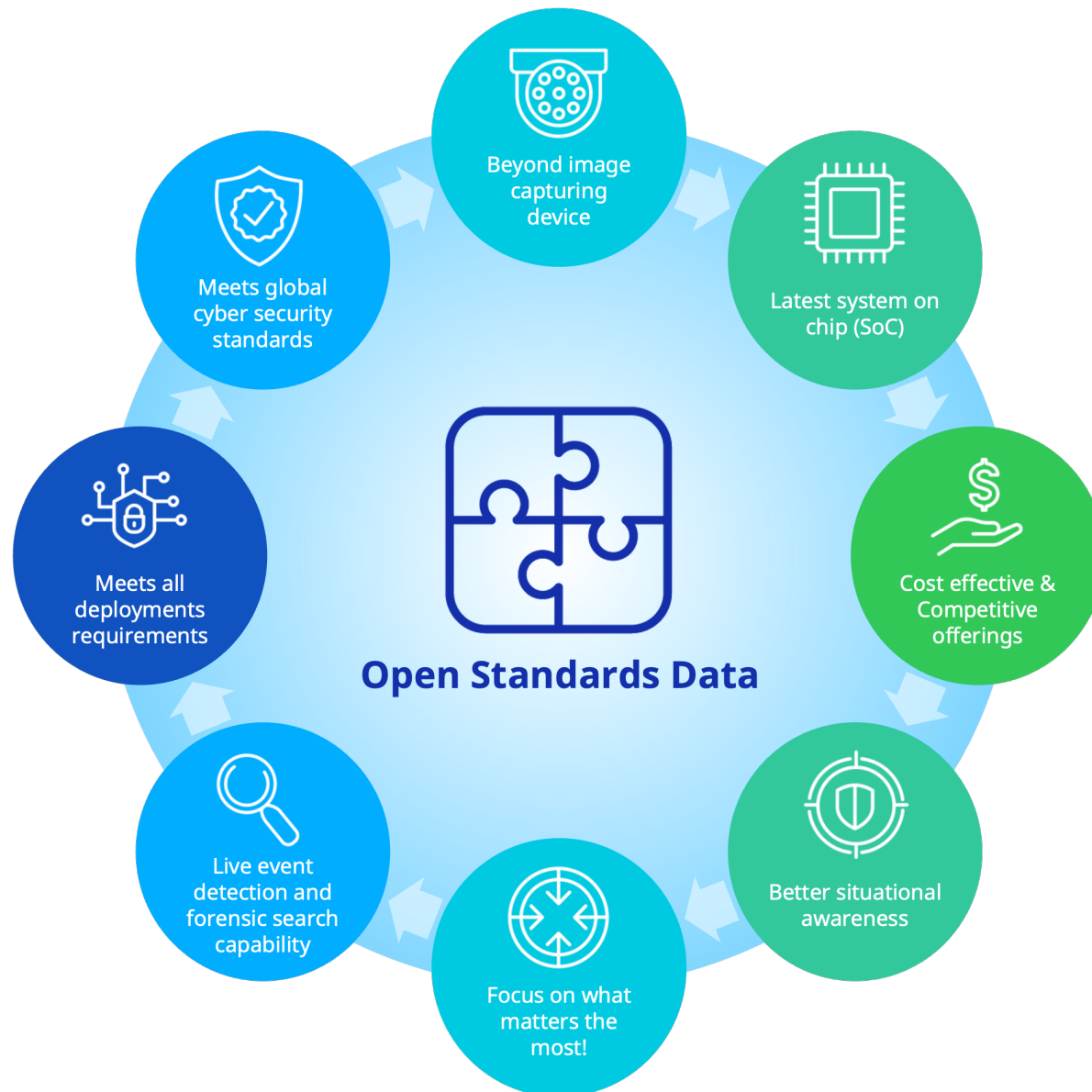
Equipped with advanced edge AI capabilities, Illustra cameras support a wide array of AI models to enhance security and operational efficiency, providing real-time analytics and alerts for comprehensive and proactive surveillance.

Seamless integration with American Dynamics VMS (victor/VideoEdge) and Exacq VMS ensures easy incorporation into existing security systems, offering advanced analytics and simplified system management. ONVIF conformance guarantees interoperability with other compliant devices, allowing flexible integration and future-proofing of security setups.

Built with robust cybersecurity features, Illustra cameras include secure boot, encryption, and regular security updates, ensuring top-tier protection against cyber threats. They are also compliant with the National Defense Authorization Act (NDAA), meeting stringent government standards for sensitive applications.

Illustra cameras combine advanced technology, ease of use, and robust security features to meet the diverse needs of modern surveillance.

Why **ILLUSTRA** Cameras Are the Top Choice for Cutting-Edge Surveillance



ILLUSTRA IQ | Cybersecurity

Comprehensive Network Security Mechanism

INDUSTRY'S LEADING SPECIFICATIONS

Cyber security

ISASecure ISA/IEC 62443-4-1 certified secure development
Secure boot
Signed and encrypted firmware

Network security

Multi-level password protections
Brute force delay protection
IP address filtering
HTTPS encryption
IEEE 802.1x (PEAP, EAP-TLS, EAPoL)
Digest authentication
HTTPS over TLS
WS-Security
Certificate management
One-click security hardening
User access log
Validate complex credentials
Disabling unused protocols

** For specific details, please refer to datasheets and software release notes of individual products.*



Johnson Controls earned world's first ISASecure certified Smart Building Product.



Johnson Controls is a strategic voting member of ISA Secure Compliance Institute.

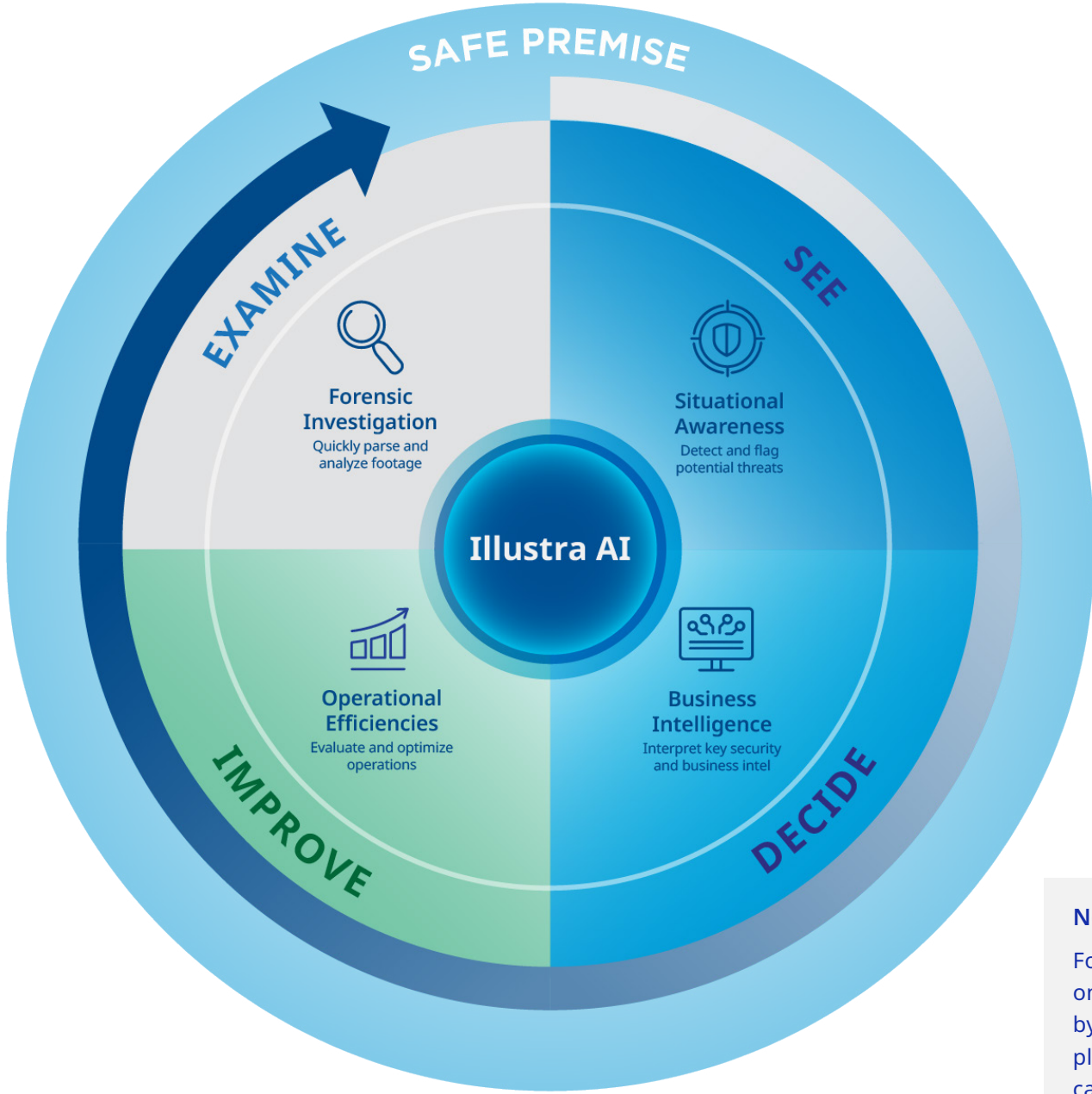


Johnson Controls is a founding member of the International Society of Automation's Global Security Alliance (GCA).



Johnson Controls is a full member of the Forum of Incident Response and Security Teams (FIRST).

ILLUSTRA AI



Note:

For detailed information on AI models supported by Illustra cameras, please refer to the camera datasheet.



ILLUSTRA IQ

Pro Series

ILLUSTRA Pro Series | Network Cameras



Illustra Pro Mini-Dome

Features That Make a Difference:

- 2MP, 5MP and 8MP (4K) resolution options for UHD quality images
- Ultra-low light capabilities for challenging lighting conditions
- P-iris with standard and mid-tele lenses for optimized image quality and versatile coverage
- Out-of-box Pro AI Suite enabled and calibrated, including Audio AI and Live Privacy Mask
- Built-in Microphone; Micro USB for wireless configuration
- Native recessed design and universal back-box for indoor and outdoor deployment
- Smart Bandwidth Management using IntelliZip
- Quad streaming, Power failover, and HDMI make it perfect for critical applications
- Five-year warranty
- NDAA and TAA Compliant

	MODEL NUMBER	DESCRIPTION
8MP Mini-Domes	IPS08-D14-OI04	Illustra Pro 8MP Mini-Dome, 6-22mm, IK10, TDN w/IR, TWDR, HDMI
	IPS08-D13-OI04	Illustra Pro 8MP Mini-Dome, 3.6-10mm, IK10, TDN w/IR, TWDR, HDMI
5MP Mini-Domes	IPS04-D14-OI04	Illustra Pro 5MP Mini-Dome, 6-22mm, IK10, TDN w/IR, TWDR, HDMI
	IPS04-D12-OI04	Illustra Pro 5MP Mini-Dome, 2.7-13.5mm, IK10, TDN w/IR, TWDR, HDMI
2MP Mini-Domes	IPS02-D17-OI04	Illustra Pro 2MP Mini-Dome, 7-22mm, IK10, TDN w/IR, TWDR, HDMI
	IPS02-D12-OI04	Illustra Pro 2MP Mini-Dome, 2.7-13.5mm, IK10, TDN w/IR, TWDR, HDMI

ILLUSTRA Pro Series | Network Cameras



Illustra Pro Bullet

Features That Make a Difference:

- 2MP, 5MP & 8MP (4K) resolution options for UHD quality images
- Low light capabilities and 850nm IR (up to 230 ft) for challenging lighting conditions
- P-iris with standard & telephoto lenses for optimized image quality and versatile coverage
- Out-of-box Pro AI Suite enabled and calibrated, including Audio AI & Live Privacy Mask
- Smart Camera Design for Ease of Installation
- Smart Bandwidth Management using IntelliZip
- Quad streaming, Power failover, and HDMI make it perfect for critical applications
- Micro USB support for wireless configuration
- Five-year warranty
- NDAA & TAA Compliant

	MODEL NUMBER	DESCRIPTION
8MP Bullet	IPS08-B16-OIA4	Illustra Pro, 8MP Bullet, 13-55mm, IK10, TDN w/IR, TWDR, HDMI
	IPS08-B13-OIA4	Illustra Pro, 8MP Bullet, 3.6-11mm, IK10, TDN w/IR, TWDR, HDMI
5MP Bullet	IPS04-B16-OIA4	Illustra Pro, 5MP Bullet, 13-55mm, IK10, TDN w/IR, TWDR, HDMI
	IPS04-B12-OIA4	Illustra Pro, 5MP Bullet, 2.7.13.5mm, IK10, TDN w/IR, TWDR, HDMI
2MP Bullet	IPS02-B15-OIA4	Illustra Pro, 2MP Bullet, 4.7-47mm, IK10, TDN w/IR, TWDR, HDMI
	IPS02-B12-OIA4	Illustra Pro, 2MP Bullet, 2.7.13.5mm, IK10, TDN w/IR, TWDR, HDMI

ILLUSTRA Pro Series | Network Cameras



Illustra Pro Compact Dome

Features That Make a Difference:

- 2MP, 5MP and 8MP (4K) resolution options for UHD quality images
- Low light capabilities and 850nm IR (up to 98 ft) for challenging lighting conditions
- Ultra-wide fixed lens options
- Out-of-box Pro AI Suite enabled and calibrated, including Audio AI and Live Privacy Mask
- Built-in Microphone; Micro USB for wireless configuration
- Smart Bandwidth Management using IntelliZip
- Quad streaming, power failover, and micro-HDMI; perfect for critical applications
- Outdoor rated
- 5-year warranty
- NDAA and TAA Compliant

	MODEL NUMBER	DESCRIPTION
8MP Compact Dome	IPS08-C10-OIA4	Illustra Pro 8MP Compact Dome, IK10, TDN w/IR, TWDR, HDMI
5MP Compact Dome	IPS04-C10-OIA4	Illustra Pro 5MP Compact Dome, IK10, TDN w/IR, TWDR, HDMI
2MP Compact Dome	IPS02-C10-OIA4	Illustra Pro 2MP Compact Dome, IK10, TDN w/IR, TWDR, HDMI

ILLUSTRA Pro Series | Network Cameras



Illustra Pro Indoor PTZ

Features That Make a Difference:

- 2MP (30x) and 8MP (4K) (22x) resolution options for UHD quality images
- Ultra-low light capabilities for challenging lighting conditions
- Image Stabilization; Auto tracking based upon Face or Person detection
- Out-of-box Pro AI Suite enabled and calibrated, including Audio AI
- Built-in Microphone; Micro USB for wireless configuration
- Native recessed design for indoor deployment
- Smart Bandwidth Management using IntelliZip
- Quad streaming and power failover support; perfect for critical applications
- 5-year warranty
- NDAA and TAA Compliant

	MODEL NUMBER	DESCRIPTION
8MP Indoor PTZ	IPS08-P25-RT04	Illustra Pro 8MP PTZ, 22x, Indoor, IK10, TDN, TWDR, Smoked Bubble
2MP Indoor PTZ	IPS02-P07-RT04	Illustra Pro 2MP PTZ, 30x, Indoor, IK10, TDN, TWDR, Smoked Bubble

ILLUSTRA Pro Series | Network Cameras



Illustra Pro Outdoor PTZ

Features That Make a Difference:

- 2MP (42x) and 8MP (4K) (22x) resolution options for UHD quality images
- Ultra-low light capabilities for challenging lighting conditions
- Image Stabilization; Auto tracking based upon Face or Person detection
- Out-of-box Pro AI Suite enabled and calibrated, including Audio AI
- Micro USB for wireless configuration
- Outdoor rated and built-in adaptive IR (up to 656 ft)
- Smart Bandwidth Management using IntelliZip
- Quad streaming (per sensor) and power failover support; perfect for critical applications
- 5-year warranty
- NDAA and TAA Compliant

	MODEL NUMBER	DESCRIPTION
8MP Outdoor PTZ	IPS08-P25-OI04	Illustra Pro 8MP PTZ, 22x, Outdoor, IP66, IK10, TDN w/IR, TWDR
2MP Indoor PTZ	IPS02-P24-OI04	Illustra Pro 2MP PTZ, 42x, Outdoor, IP66, IK10, TDN w/IR, TWDR

ILLUSTRA Pro Series | Network Cameras



Illustra Pro PTRZ Multi-Sensor

Features That Make a Difference:

- 20MP (5MP x4) and 32MP (8MP x4) resolution options for UHD quality images
- Low light capabilities and built-in 360° IR (up to 100 ft) for challenging lighting conditions
- Remote Pan-Tilt-Rotate-Zoom (PTRZ) per sensor to adjust camera view
- Out-of-box Pro AI Suite enabled and calibrated, including Audio AI and Live Privacy Mask
- Micro USB for wireless configuration
- Quad Micro SD slot for up to 8TB of storage
- Smart Bandwidth Management using IntelliZip
- Quad streaming and power failover support; perfect for critical applications
- 5-year warranty
- NDAA and TAA Compliant

	MODEL NUMBER	DESCRIPTION
32MP (8MP x4) PTRZ Multi-Sensor	IPR32-M13-OIA4	Illustra Pro 32MP Multi-sensor; 3.6-11mm, AI, TDN w/IR, TWDR, PTRZ
20MP (5MP x4) PTRZ Multi-Sensor	IPR20-M12-OIA4	Illustra Pro 20MP Multi-sensor; 2.7-13.5mm, AI, TDN w/IR, TWDR, PTRZ

ILLUSTRA Pro Series | Network Cameras



Illustra Pro Multi-Sensor

Features That Make a Difference:

- 20MP (5MP x4) and 32MP (8MP x4) resolution options for UHD quality images
- Low light capabilities and built-in 360° IR* (up to 100 ft) for challenging lighting conditions
- Out-of-box Pro AI Suite enabled and calibrated, including Audio AI and Live Privacy Mask
- Micro USB for wireless configuration
- Quad Micro SD slot for up to 8TB of storage
- Smart Bandwidth Management using IntelliZip
- Quad streaming and power failover support; perfect for critical applications
- 5-year warranty
- NDAA and TAA Compliant

	MODEL NUMBER	DESCRIPTION
32MP (8MP x4) Multi-Sensor	IPS32-M13-OIA4	Illustra Pro 32MP Multi-sensor, 3.6-11mm, AI, TDN w/IR, TWDR
	IPS32-M13-OTA4	Illustra Pro 32MP Multi-sensor, 3.6-11mm, AI, TDN, TWDR
20MP (5MP x4) Multi-Sensor	IPS20-M12-OIA4	Illustra Pro 20MP Multi-sensor, 2.7-13.5mm, AI, TDN w/IR, TWDR
	IPS20-M12-OTA4	Illustra Pro 20MP Multi-sensor, 2.7-13.5mm, AI, TDN, TWDR

ILLUSTRA Pro Series | Specialty Network Cameras

Tailored for Specific Needs and Situations



Features That Make a Difference:

- 12MP resolution for high quality images
- Excellent Edge Dewarping and low light performance
- Motion and Blur detection supported
- 180°/360° ceiling or wall mount panoramic views for situational awareness
- Onvif S, G, T, M conformant
- Outdoor rated and built-in IR (up to 50 ft)
- Smart Bandwidth Management using IntelliZip
- 5-year warranty
- NDAA and TAA Compliant

Illustra Pro Fisheye

	MODEL NUMBER	DESCRIPTION
12MP Fisheye	IPS12-F27-OIA4	Illustra Pro 12MP Fisheye, IP66/67, IK10, TDN w/IR, TWDR

ILLUSTRA Pro Series | Specialty Network Cameras

Tailored for Specific Needs and Situations



Illustra Pro Corner Camera

Features That Make a Difference:

- 5MP resolution options for high quality images
- 940 nm invisible IR, effective 10x10 m (33x33 ft) space
- White LED, luminance or warning, effective 2x2 m (6.5x6.5 ft) space
- Ultra-wide fixed lens options for no blind spot from ceiling to floor, wall to wall
- Out-of-box Pro AI Suite enabled and calibrated, including Audio AI and Live Privacy Mask
- Anti-ligature design; Built-in Microphone and Speaker; Micro USB for wireless configuration
- Smart Bandwidth Management using IntelliZip
- Quad streaming, power failover, IP68 and IK11; perfect for critical applications
- 5-year warranty
- NDAA and TAA Compliant

	MODEL NUMBER	DESCRIPTION
5MP Corner Camera	IPS05-R10-OIA4	Illustra Pro 5MP Corner, 2.3mm, IP66/67/68, IK11, TDN w/IR, TWDR

ILLUSTRA Pro Series | Specialty Network Cameras

Tailored for Specific Needs and Situations



Illustra Pro License Plate Recognition (LPR) Camera

Features That Make a Difference:

- Dome and Bullet camera option with 5MP resolution
- Out-of-box Perpetual LPR license included and pre-activated
- Low light capabilities and 850nm IR (up to 230 ft) for challenging lighting conditions
- LPR detection of Free-flow traffic and automated vehicle access up to 56 km/h (35 mph)
- 2,000 entries over 4 plate groups with individual event handling supported
- Pro AI Suite, including Audio AI and Live Privacy Mask
- 1 channel of ExacqVision or VideoEdge VMS license included
- Standard license plates supported in Canada, Europe and United States
- 5-year warranty
- NDAA and TAA Compliant

	MODEL NUMBER	DESCRIPTION
5MP LPR Bullet	IPS05-B12-LPR4	Illustra Pro 5MP LPR Bullet, 2.7-13.5mm, IK10, TDN w/IR, TWDR, HDMI
5MP LPR Dome	IPS05-D12-LPR4	Illustra Pro 5MP LPR Dome, 2.7-13.5mm, IK10, TDN w/IR, TWDR, HDMI

ILLUSTRA Pro Series | Comparison Chart

ILLUSTRA PRO MINI-DOME CAMERAS						
						
Model Number	IPSO2-D12-OI04	IPSO2-D17-OI04	IPS04-D12-OI04	IPS04-D14-OI04	IPS02-D12-OI04	IPS02-D17-OI04
Max. Resolution	1920x1080 (2 MP)	1920x1080 (2 MP)	2560x1920 (5 MP)	2560x1920 (5 MP)	3840x2160 (8 MP)	3840x2160 (8 MP)
Sensor size / Lens / Horizontal field of view	Sony 1/2.8" CMOS 2.7 - 13.5 mm, F1.4, P-Iris 112° - 35°	Sony 1/2.8" CMOS 7 - 22 mm; F1.7; P Iris 40° - 18°	Sony 1/2.8" CMOS 2.7 - 13.5 mm, F1.4, P-Iris 103° - 33°	Sony 1/2.8" CMOS 6 - 22 mm; F1.6; P Iris 40° - 18°	Sony 1/1.8" CMOS 3.6 - 10 mm, F1.5, P-Iris 95° - 49°	Sony 1/1.8" CMOS 6 - 22 mm; F1.6; P Iris 50° - 24°
Min. Illuminations (lux) Color / B&W	0.01 / 0.0001	0.02 / 0.0002	0.03 / 0.0002	0.02 / 0.0002	0.03 / 0.0004	0.02 / 0.0005
Max. Frame Rate (fps)	50/60	50/60	25/30	25/30	25/30	25/30
H.265 / H.264 / IntelliZip	✓ / ✓ / ✓	✓ / ✓ / ✓	✓ / ✓ / ✓	✓ / ✓ / ✓	✓ / ✓ / ✓	✓ / ✓ / ✓
AI Compute Technology	Deep Learning AI	Deep Learning AI	Deep Learning AI	Deep Learning AI	Deep Learning AI	Deep Learning AI
Included Artificial Intelligence (AI) (For more details please refer to Illustra AI page)	Object Analytics Object Attributes (Metadata) Face Detection Live Privacy Mask (Face, Person) Tamper & Blur Detection Audio Analytics Intelligent Search (Re-Id)	Object Analytics Object Attributes (Metadata) Face Detection Live Privacy Mask (Face, Person) Tamper & Blur Detection Audio Analytics Intelligent Search (Re-Id)	Object Analytics Object Attributes (Metadata) Face Detection Live Privacy Mask (Face, Person) Tamper & Blur Detection Audio Analytics Intelligent Search (Re-Id)	Object Analytics Object Attributes (Metadata) Face Detection Live Privacy Mask (Face, Person) Tamper & Blur Detection Audio Analytics Intelligent Search (Re-Id)	Object Analytics Object Attributes (Metadata) Face Detection Live Privacy Mask (Face, Person) Tamper & Blur Detection Audio Analytics Intelligent Search (Re-Id)	Object Analytics Object Attributes (Metadata) Face Detection Live Privacy Mask (Face, Person) Tamper & Blur Detection Audio Analytics Intelligent Search (Re-Id)
	Business Intelligence: Retail analytics & Person counting	Business Intelligence: Retail analytics & Person counting	Business Intelligence: Retail analytics & Person counting	Business Intelligence: Retail analytics & Person counting	Business Intelligence: Retail analytics & Person counting	Business Intelligence: Retail analytics & Person counting
ONVIF Conformance	Profile S/G/T/M	Profile S/G/T/M	Profile S/G/T/M	Profile S/G/T/M	Profile S/G/T/M	Profile S/G/T/M
Audio support / Built-in Mic	✓ / ✓	✓ / ✓	✓ / ✓	✓ / ✓	✓ / ✓	✓ / ✓
Power	PoE Class 3, 24 VAC	PoE Class 3, 24 VAC	PoE Class 3, 24 VAC	PoE Class 3, 24 VAC	PoE Class 3, 24 VAC	PoE Class 3, 24 VAC
Power Failover	✓	✓	✓	✓	✓	✓
Alarm In / Out	2 / 2	2 / 2	2 / 2	2 / 2	2 / 2	2 / 2
Wireless Configuration	✓	✓	✓	✓	✓	✓
Wide Dynamic Range (WDR)	True WDR 120 dB, SmartWDR	True WDR 120 dB, SmartWDR	True WDR 120 dB, SmartWDR	True WDR 120 dB, SmartWDR	True WDR 120 dB, SmartWDR	True WDR 120 dB, SmartWDR
Built-in IR	Adaptive/Smart IR 50 m (164 ft)	Adaptive/Smart IR 50 m (164 ft)	Adaptive/Smart IR 50 m (164 ft)	Adaptive/Smart IR 50 m (164 ft)	Adaptive/Smart IR 50 m (164 ft)	Adaptive/Smart IR 50 m (164 ft)
Secure Boot / Signed Firmware / Encrypted Streaming / One-click security hardening	✓ / ✓ / ✓ / ✓	✓ / ✓ / ✓ / ✓	✓ / ✓ / ✓ / ✓	✓ / ✓ / ✓ / ✓	✓ / ✓ / ✓ / ✓	✓ / ✓ / ✓ / ✓
Additional Features	Smart Defog Electronic Image Stabilization (EIS) Native Recessed Design Universal Backbox (Surface mount) HDMI Video out IP66/67/NEMA 4X, IK10	Smart Defog Electronic Image Stabilization (EIS) Native Recessed Design Universal Backbox (Surface mount) HDMI Video out IP66/67/NEMA 4X, IK10	Smart Defog Electronic Image Stabilization (EIS) Native Recessed Design Universal Backbox (Surface mount) HDMI Video out IP66/67/NEMA 4X, IK10	Smart Defog Electronic Image Stabilization (EIS) Native Recessed Design Universal Backbox (Surface mount) HDMI Video out IP66/67/NEMA 4X, IK10	Smart Defog Electronic Image Stabilization (EIS) Native Recessed Design Universal Backbox (Surface mount) HDMI Video out IP66/67/NEMA 4X, IK10	Smart Defog Electronic Image Stabilization (EIS) Native Recessed Design Universal Backbox (Surface mount) HDMI Video out IP66/67/NEMA 4X, IK10
Warranty	5 years	5 years	5 years	5 years	5 years	5 years

ILLUSTRA Pro Series | Comparison Chart

ILLUSTRA PRO COMPACT DOME CAMERAS			
			
Model Number	IPS02-C10-OIA4	IPS04-C10-OIA4	IPS08-C10-OIA4
Max. Resolution	1920x1080 (2 MP)	2560x1920 (5 MP)	3840x2160 (8 MP)
Sensor size / Lens / Horizontal field of view	Sony 1/2.8" CMOS 3 mm, F1.6, Fixed iris 105°	Sony 1/2.8" CMOS 3 mm, F2.0, Fixed iris 101°	Sony 1/1.8" CMOS 4.5 mm, F1.6, Fixed iris 110°
Min. Illuminations (lux) Color / B&W	0.02 / 0.01	0.2 / 0.07	0.15 / 0.07
Max. Frame Rate (fps)	50/60	25/30	25/30
H.265 / H.264 / IntelliZip	✓ / ✓ / ✓	✓ / ✓ / ✓	✓ / ✓ / ✓
AI Compute Technology	Deep Learning AI	Deep Learning AI	Deep Learning AI
Included Artificial Intelligence (AI) (For more details please refer to Illustra AI page)	Object Analytics Object Attributes (Metadata) Face Detection Live Privacy Mask (Face, Person) Tamper & Blur Detection Audio Analytics Intelligent Search (Re-Id)	Object Analytics Object Attributes (Metadata) Face Detection Live Privacy Mask (Face, Person) Tamper & Blur Detection Audio Analytics Intelligent Search (Re-Id)	Object Analytics Object Attributes (Metadata) Face Detection Live Privacy Mask (Face, Person) Tamper & Blur Detection Audio Analytics Intelligent Search (Re-Id)
	Business Intelligence: Retail analytics & Person counting	Business Intelligence: Retail analytics & Person counting	Business Intelligence: Retail analytics & Person counting
ONVIF Conformance	Profile S/G/T/M	Profile S/G/T/M	Profile S/G/T/M
Audio support / Built-in Mic	- / ✓	- / ✓	- / ✓
Power	PoE Class 3	PoE Class 3	PoE Class 3
Power Failover	-	-	-
Alarm In / Out	- / -	- / -	- / -
Wireless Configuration	✓	✓	✓
Wide Dynamic Range (WDR)	True WDR 120 dB, SmartWDR	True WDR 120 dB, SmartWDR	True WDR 120 dB, SmartWDR
Built-in IR	Smart IR 30 m (98 ft)	Smart IR 30 m (98 ft)	Smart IR 30 m (98 ft)
Secure Boot / Signed Firmware / Encrypted Streaming / One-click security hardening	✓ / ✓ / ✓ / ✓	✓ / ✓ / ✓ / ✓	✓ / ✓ / ✓ / ✓
Additional Features	Smart Defog HDMI Video out IP66/67/NEMA 4X, IK10	Smart Defog HDMI Video out IP66/67/NEMA 4X, IK10	Smart Defog HDMI Video out IP66/67/NEMA 4X, IK10
Warranty	5 years	5 years	5 years

ILLUSTRA Pro Series | Comparison Chart

Continued on next page

ILLUSTRA PRO BULLET CAMERAS					
					
Model Number	IPS02-B12-OIA4	IPS02-B15-OIA4	IPS04-B12-OIA4	IPS04-B12-OTA4	IPS04-B16-OIA4
Max. Resolution	1920x1080 (2 MP)	1920x1080 (2 MP)	2560x1920 (5 MP)	2560x1920 (5 MP)	2560x1920 (5 MP)
Sensor size / Lens / Horizontal field of view	Sony 1/2.8" CMOS 2.7 - 13.5 mm, F1.4, P-iris 104° - 34°	Sony 1/2.8" CMOS 4.7 - 47 mm, F1.4, P-iris 65° - 7°	Sony 1/2.8" CMOS 2.7 - 13.5 mm, F1.4, P-iris 101° - 32°	Sony 1/2.8" CMOS 2.7 - 13.5 mm, F1.4, P-iris 101° - 32°	Sony 1/2.8" CMOS 13 - 55 mm, F1.5, P-iris 22° - 6°
Min. Illuminations (lux) Color / B&W	0.04 / 0.01	0.02 / 0.01	0.11 / 0.03	0.11 / 0.03	0.09 / 0.03
Max. Frame Rate (fps)	50/60	50/60	25/30	25/30	25/30
H.265 / H.264 / IntelliZip	✓ / ✓ / ✓	✓ / ✓ / ✓	✓ / ✓ / ✓	✓ / ✓ / ✓	✓ / ✓ / ✓
AI Compute Technology	Deep Learning AI	Deep Learning AI	Deep Learning AI	Deep Learning AI	Deep Learning AI
Included Artificial Intelligence (AI) (For more details please refer to Illustra AI page)	Object Analytics Object Attributes (Metadata) Face Detection Live Privacy Mask (Face, Person) Tamper & Blur Detection Audio Analytics Intelligent Search (Re-Id)	Object Analytics Object Attributes (Metadata) Face Detection Live Privacy Mask (Face, Person) Tamper & Blur Detection Audio Analytics Intelligent Search (Re-Id)	Object Analytics Object Attributes (Metadata) Face Detection Live Privacy Mask (Face, Person) Tamper & Blur Detection Audio Analytics Intelligent Search (Re-Id)	Object Analytics Object Attributes (Metadata) Face Detection Live Privacy Mask (Face, Person) Tamper & Blur Detection Audio Analytics Intelligent Search (Re-Id)	Object Analytics Object Attributes (Metadata) Face Detection Live Privacy Mask (Face, Person) Tamper & Blur Detection Audio Analytics Intelligent Search (Re-Id)
	Business Intelligence: Retail analytics & Person counting	Business Intelligence: Retail analytics & Person counting	Business Intelligence: Retail analytics & Person counting	Business Intelligence: Retail analytics & Person counting	Business Intelligence: Retail analytics & Person counting
ONVIF Conformance	Profile S/G/T/M	Profile S/G/T/M	Profile S/G/T/M	Profile S/G/T/M	Profile S/G/T/M
Audio support / Built-in Mic	✓ / -	✓ / -	✓ / -	✓ / -	✓ / -
Power	PoE Class 4, 24 VAC	PoE Class 4, 24 VAC	PoE Class 4, 24 VAC	PoE Class 4, 24 VAC	PoE Class 3, 24 VAC
Power Failover	✓	✓	✓	✓	✓
Alarm In / Out	2 / 2	2 - Feb	2 / 2	2 / 2	2 / 2
Wireless Configuration	✓	✓	✓	✓	✓
Wide Dynamic Range (WDR)	True WDR 120 dB, SmartWDR	True WDR 120 dB, SmartWDR	True WDR 120 dB, SmartWDR	True WDR 120 dB, SmartWDR	True WDR 120 dB, SmartWDR
Built-in IR	Adaptive/Smart IR PoE: 50 m (164 ft) PoE+: 70 m (230 ft)	Adaptive/Smart IR PoE: 50 m (164 ft) PoE+: 70 m (230 ft)	Adaptive/Smart IR PoE: 50 m (164 ft) PoE+: 70 m (230 ft)	-	Adaptive/Smart IR PoE: 50 m (164 ft) PoE+: 70 m (230 ft)
Secure Boot / Signed Firmware / Encrypted Streaming / One-click security hardening	✓ / ✓ / ✓ / ✓	✓ / ✓ / ✓ / ✓	✓ / ✓ / ✓ / ✓	✓ / ✓ / ✓ / ✓	✓ / ✓ / ✓ / ✓
Additional Features	Smart Defog Electronic Image Stabilization (EIS) Smart Bracket Design HDMI Video out IP66/67/NEMA 4X, IK10	Smart Defog Electronic Image Stabilization (EIS) Smart Bracket Design HDMI Video out IP66/67/NEMA 4X, IK10	Smart Defog Electronic Image Stabilization (EIS) Smart Bracket Design HDMI Video out IP66/67/NEMA 4X, IK10	Smart Defog Electronic Image Stabilization (EIS) Smart Bracket Design HDMI Video out IP66/67/NEMA 4X, IK10	Smart Defog Electronic Image Stabilization (EIS) Smart Bracket Design HDMI Video out IP66/67/NEMA 4X, IK10
Warranty	5 years	5 years	5 years	5 years	5 years

ILLUSTRA Pro Series | Comparison Chart

ILLUSTRA PRO BULLET CAMERAS (CONTINUED)			
			
Model Number	IPS08-B13-OIA4	IPS08-B16-OIA4	
Max. Resolution	3840x2160 (8 MP)	3840x2160 (8 MP)	
Sensor size / Lens / Horizontal field of view	Sony 1/1.8" CMOS 3.6 - 11 mm, F1.5, P-Iris 102° - 48°	Sony 1/1.8" CMOS 13 - 55 mm; F1.5; P iris 34° - 8°	
Min. Illuminations (lux) Color / B&W	0.2 / 0.05	0.15 / 0.05	
Max. Frame Rate (fps)	25/30	25/30	
H.265 / H.264 / IntelliZip	✓ / ✓ / ✓	✓ / ✓ / ✓	
AI Compute Technology	Deep Learning AI	Deep Learning AI	
Included Artificial Intelligence (AI) (For more details please refer to Illustra AI page)	Object Analytics Object Attributes (Metadata) Face Detection Live Privacy Mask (Face, Person) Tamper & Blur Detection Audio Analytics Intelligent Search (Re-Id)	Object Analytics Object Attributes (Metadata) Face Detection Live Privacy Mask (Face, Person) Tamper & Blur Detection Audio Analytics Intelligent Search (Re-Id)	
	Business Intelligence: Retail analytics & Person counting	Business Intelligence: Retail analytics & Person counting	
ONVIF Conformance	Profile S/G/T/M	Profile S/G/T/M	
Audio support / Built-in Mic	✓ / -	✓ / -	
Power	PoE Class 3, 24 VAC	PoE Class 3, 24 VAC	
Power Failover	✓	✓	
Alarm In / Out	2 / 2	2 / 2	
Wireless Configuration	✓	✓	
Wide Dynamic Range (WDR)	True WDR 120 dB, SmartWDR	True WDR 120 dB, SmartWDR	
Built-in IR	Adaptive/Smart IR PoE: 50 m (164 ft) PoE+: 70 m (230 ft)	Adaptive/Smart IR PoE: 50 m (164 ft) PoE+: 70 m (230 ft)	
Secure Boot / Signed Firmware / Encrypted Streaming / One-click security hardening	✓ / ✓ / ✓ / ✓	✓ / ✓ / ✓ / ✓	
Additional Features	Smart Defog Electronic Image Stabilization (EIS) Smart Bracket Design HDMI Video out IP66/67/NEMA 4X, IK10	Smart Defog Electronic Image Stabilization (EIS) Smart Bracket Design HDMI Video out IP66/67/NEMA 4X, IK10	
Warranty	5 years	5 years	

ILLUSTRA Pro Series | Comparison Chart

ILLUSTRA PRO PAN/TILT/ZOOM (PTZ) CAMERAS				
				
Model Number	IPS02-P07-RT04	IPS08-P25-RT04	IPS02-P24-OI04	IPS08-P25-OI04
Max. Resolution	1920x1080 (2 MP)	3840x2160 (8 MP)	1920x1080 (2 MP)	3840x2160 (8 MP)
Sensor size / Lens / Horizontal field of view	Sony 1/2.8" CMOS 4.5 - 135 mm (30x), F1.6, DC-iris 60° - 5°	Sony 1/1.8" CMOS 6 - 139 mm (22x), F1.5, DC-iris 62° - 3.4°	Sony 1/2.8" CMOS 7 - 295 mm (42x), F1.8, DC-iris 43° - 1.6°	Sony 1/1.8" CMOS 6 - 139 mm (22x), F1.5, DC-iris 62° - 3.4°
Min. Illuminations (lux) Color / B&W	0.015 / 0.0035	0.015 / 0.0035	0.013 / 0.0035	0.06 / 0.015
Max. Frame Rate (fps)	50/60	25/30	50/60	25/30
H.265 / H.264 / IntelliZip	✓ / ✓ / ✓	✓ / ✓ / ✓	✓ / ✓ / ✓	✓ / ✓ / ✓
AI Compute Technology	Deep Learning AI	Deep Learning AI	Deep Learning AI	Deep Learning AI
Included Artificial Intelligence (AI) (For more details please refer to Illustra AI page)	Object Analytics Object Attributes (Metadata) Face Detection Tamper & Blur Detection Audio Analytics Intelligent Search (Re-Id)	Object Analytics Object Attributes (Metadata) Face Detection Tamper & Blur Detection Audio Analytics Intelligent Search (Re-Id)	Object Analytics Object Attributes (Metadata) Face Detection Tamper & Blur Detection Audio Analytics Intelligent Search (Re-Id)	Object Analytics Object Attributes (Metadata) Face Detection Tamper & Blur Detection Audio Analytics Intelligent Search (Re-Id)
	Business Intelligence: Retail analytics & Person counting	Business Intelligence: Retail analytics & Person counting	Business Intelligence: Retail analytics & Person counting	Business Intelligence: Retail analytics & Person counting
ONVIF Conformance	Profile S/G/T/M	Profile S/G/T/M	Profile S/G/T/M	Profile S/G/T/M
Audio support / Built-in Mic	✓ / ✓	✓ / ✓	✓ / -	✓ / -
Power	PoE+ Class 4, 24 VAC	PoE+ Class 4, 24 VAC	PoE++ Class 8, 24 VAC	PoE++ Class 8, 24 VAC
Power Failover	✓	✓	✓	✓
Alarm In / Out	2 / 2	2 / 2	2 / 2	2 / 2
Wireless Configuration	✓	✓	✓	✓
Wide Dynamic Range (WDR)	True WDR 126 dB, SmartWDR	True WDR 126 dB, SmartWDR	True WDR 126 dB, SmartWDR	True WDR 126 dB, SmartWDR
Built-in IR	-	-	Adaptive/Smart IR 200 m (656 ft)	Adaptive/Smart IR 150 m (492 ft)
Secure Boot / Signed Firmware / Encrypted Streaming / One-click security hardening	✓ / ✓ / ✓ / ✓	✓ / ✓ / ✓ / ✓	✓ / ✓ / ✓ / ✓	✓ / ✓ / ✓ / ✓
Additional Features	Smart Defog Image Stabilization Native Recessed Design Analog Video out Preset Speed: 700°/sec IK10	Smart Defog Image Stabilization Native Recessed Design Analog Video out Preset Speed: 700°/sec IK10	Smart Defog Image Stabilization Native Recessed Design Analog Video out Tilt: +15° to -90° Preset Speed: 700°/sec IP66/Type 4X, IK10	Smart Defog Image Stabilization Native Recessed Design Analog Video out Tilt: +15° to -90° Preset Speed: 700°/sec IP66/Type 4X, IK10
Warranty	5 years	5 years	5 years	5 years

ILLUSTRA Pro Series | Comparison Chart

ILLUSTRA PRO MULTI-SENSOR CAMERAS						
						
Model Number	IPR20-M12-OIA4	IPR32-M13-OIA4	IPS20-M12-OIA4	IPS32-M13-OIA4	IPS20-M12-OTA4	IPS32-M13-OTA4
Max. Resolution	2560x1920 x4 (20MP)	3840x2160 x4 (32 MP)	2560x1920 x4 (20MP)	3840x2160 x4 (32 MP)	2560x1920 x4 (20MP)	3840x2160 x4 (32 MP)
Sensor size / Lens / Horizontal field of view	Sony 1/2.8" CMOS x4 2.7 - 13.5 mm, F1.4, P-Iris 103° - 33°	Sony 1/2.8" CMOS x4 3.6 - 11 mm, F1.5, P-Iris 95° - 49°	Sony 1/2.8" CMOS x4 2.7 - 13.5 mm, F1.4, P-Iris 103° - 33°	Sony 1/2.8" CMOS x4 3.6 - 11 mm, F1.5, P-Iris 95° - 49°	Sony 1/2.8" CMOS x4 2.7 - 13.5 mm, F1.4, P-Iris 103° - 33°	Sony 1/2.8" CMOS x4 3.6 - 11 mm, F1.5, P-Iris 95° - 49°
Min. Illuminations (lux) Color / B&W	0.03 / 0.0002	0.03 / 0.0004	0.03 / 0.0002	0.03 / 0.0004	0.03 / 0.0002	0.03 / 0.0004
Max. Frame Rate (fps)	25/30	25/30	25/30	25/30	25/30	25/30
H.265 / H.264 / IntelliZip	✓ / ✓ / ✓	✓ / ✓ / ✓	✓ / ✓ / ✓	✓ / ✓ / ✓	✓ / ✓ / ✓	✓ / ✓ / ✓
AI Compute Technology	Deep Learning AI x4	Deep Learning AI x4	Deep Learning AI x4	Deep Learning AI x4	Deep Learning AI x4	Deep Learning AI x4
Included Artificial Intelligence (AI) (For more details please refer to Illustra AI page)	Object Analytics Object Attributes (Metadata) Face Detection Live Privacy Mask (Face, Person) Tamper & Blur Detection Audio Analytics Intelligent Search (Re-Id)	Object Analytics Object Attributes (Metadata) Face Detection Live Privacy Mask (Face, Person) Tamper & Blur Detection Audio Analytics Intelligent Search (Re-Id)	Object Analytics Object Attributes (Metadata) Face Detection Live Privacy Mask (Face, Person) Tamper & Blur Detection Audio Analytics Intelligent Search (Re-Id)	Object Analytics Object Attributes (Metadata) Face Detection Live Privacy Mask (Face, Person) Tamper & Blur Detection Audio Analytics Intelligent Search (Re-Id)	Object Analytics Object Attributes (Metadata) Face Detection Live Privacy Mask (Face, Person) Tamper & Blur Detection Audio Analytics Intelligent Search (Re-Id)	Object Analytics Object Attributes (Metadata) Face Detection Live Privacy Mask (Face, Person) Tamper & Blur Detection Audio Analytics Intelligent Search (Re-Id)
	Business Intelligence: Retail analytics & Person counting	Business Intelligence: Retail analytics & Person counting	Business Intelligence: Retail analytics & Person counting	Business Intelligence: Retail analytics & Person counting	Business Intelligence: Retail analytics & Person counting	Business Intelligence: Retail analytics & Person counting
ONVIF Conformance	Profile S	Profile S	Profile S	Profile S	Profile S	Profile S
Audio support / Built-in Mic	✓ / -	✓ / -	✓ / -	✓ / -	✓ / -	✓ / -
Power	PoE++ Class 8, 24 VAC	PoE++ Class 8, 24 VAC	PoE++ Class 8, 24 VAC	PoE++ Class 8, 24 VAC	PoE++ Class 8, 24 VAC	PoE++ Class 8, 24 VAC
Power Failover	✓	✓	✓	✓	✓	✓
Alarm In / Out	2 / 2	2 / 2	2 / 2	2 / 2	2 / 2	2 / 2
Wireless Configuration	✓	✓	✓	✓	✓	✓
Wide Dynamic Range (WDR)	True WDR 120 dB, SmartWDR	True WDR 120 dB, SmartWDR	True WDR 120 dB, SmartWDR	True WDR 120 dB, SmartWDR	True WDR 120 dB, SmartWDR	True WDR 120 dB, SmartWDR
Built-in IR	Adaptive/Smart IR 30 m (98 ft)	Adaptive/Smart IR 30 m (98 ft)	Adaptive/Smart IR 30 m (98 ft)	Adaptive/Smart IR 30 m (98 ft)	-	-
Secure Boot / Signed Firmware / Encrypted Streaming / One-click security hardening	✓ / ✓ / ✓ / ✓	✓ / ✓ / ✓ / ✓	✓ / ✓ / ✓ / ✓	✓ / ✓ / ✓ / ✓	✓ / ✓ / ✓ / ✓	✓ / ✓ / ✓ / ✓
Additional Features	Pan/Tilt/Rotate/Zoom (PTRZ) microSDXC slot x4 (8TB) Smart Defog Electronic Image Stabilization (EIS) IP66, IK10	Pan/Tilt/Rotate/Zoom (PTRZ) microSDXC slot x4 (8TB) Smart Defog Electronic Image Stabilization (EIS) IP66, IK10	microSDXC slot x4 (8TB) Smart Defog Electronic Image Stabilization (EIS) IP66, IK10	microSDXC slot x4 (8TB) Smart Defog Electronic Image Stabilization (EIS) IP66, IK10	microSDXC slot x4 (8TB) Smart Defog Electronic Image Stabilization (EIS) IP66, IK10	microSDXC slot x4 (8TB) Smart Defog Electronic Image Stabilization (EIS) IP66, IK10
Warranty	5 years	5 years	5 years	5 years	5 years	5 years

ILLUSTRA Pro Series | Comparison Chart

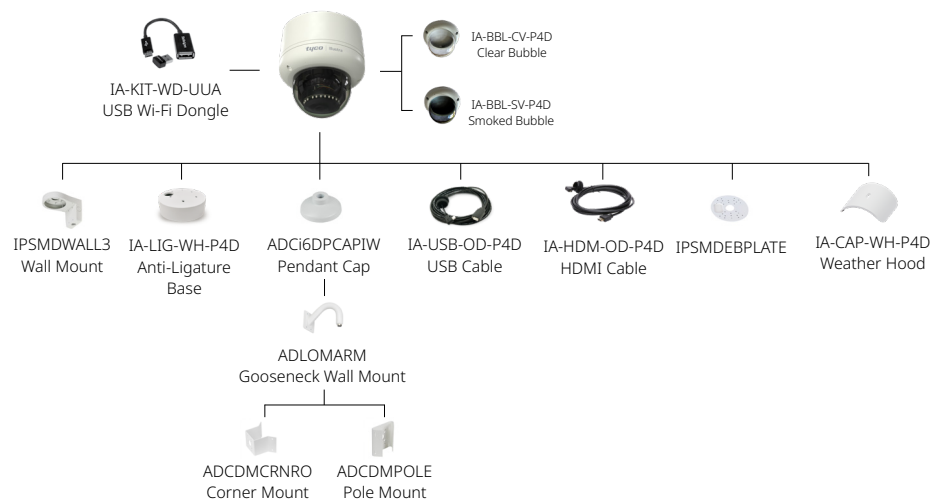
ILLUSTRA PRO FISHEYE CAMERA	
	
Model Number	IPS12-F27-OIA4
Max. Resolution	2992x2992 (12 MP)
Sensor size / Lens / Horizontal field of view	Sony 1/2.3" CMOS 1.6 mm, F2.0, Fixed iris 180°
Min. Illuminations (lux) Color / B&W	0.7 / 0.13
Max. Frame Rate (fps)	25/30
H.265 / H.264 / IntelliZip	✓ / ✓ / ✓
AI Compute Technology	-
Included Artificial Intelligence (AI) (For more details please refer to Illustra AI page)	Motion Detection Blur Detection
	Business Intelligence: -
ONVIF Conformance	Profile S/G/T/M
Audio support / Built-in Mic	✓ / ✓
Power	PoE Class 3, 24 VAC
Power Failover	✓
Alarm In / Out	1 / 1
Wireless Configuration	✓
Wide Dynamic Range (WDR)	True WDR 120 dB
Built-in IR	Smart IR 15 m (50 ft)
Secure Boot / Signed Firmware / Encrypted Streaming / One-click security hardening	✓ / ✓ / ✓ / ✓
Additional Features	Edge Dewarp Screw-less design IP66/67/NEMA 4X, IK10
Warranty	5 years

ILLUSTRA PRO CORNER CAMERA	
	
Model Number	IPS05-R10-OIA4
Max. Resolution	2560x1920 (5 MP)
Sensor size / Lens / Horizontal field of view	Sony 1/2.8" CMOS 2.3 mm, F2.2, Fixed iris 132°
Min. Illuminations (lux) Color / B&W	0.17 / 0.06
Max. Frame Rate (fps)	25/30
H.265 / H.264 / IntelliZip	✓ / ✓ / ✓
AI Compute Technology	Deep Learning AI
Included Artificial Intelligence (AI) (For more details please refer to Illustra AI page)	Object Analytics Object Attributes (Metadata) Face Detection Live Privacy Mask (Face, Person) Tamper & Blur Detection Audio Analytics Intelligent Search (Re-Id)
	Business Intelligence: Retail analytics & Person counting
ONVIF Conformance	Profile S/G/T/M
Audio support / Built-in Mic	✓ / ✓
Power	PoE Class 3, 12 VDC, 24 VAC
Power Failover	✓
Alarm In / Out	1 / 1
Wireless Configuration	✓
Wide Dynamic Range (WDR)	True WDR 120 dB, SmartWDR
Built-in IR	Invisible 940nm IR 10x10 m (33x33 ft)
Secure Boot / Signed Firmware / Encrypted Streaming / One-click security hardening	✓ / ✓ / ✓ / ✓
Additional Features	Smart Defog Electronic Image Stabilization (EIS) Tamper Switch Anti-ligature Design Recording Indicator White LED Built-in Speaker IP66/67/68/NEMA 4X, IK11
Warranty	5 years

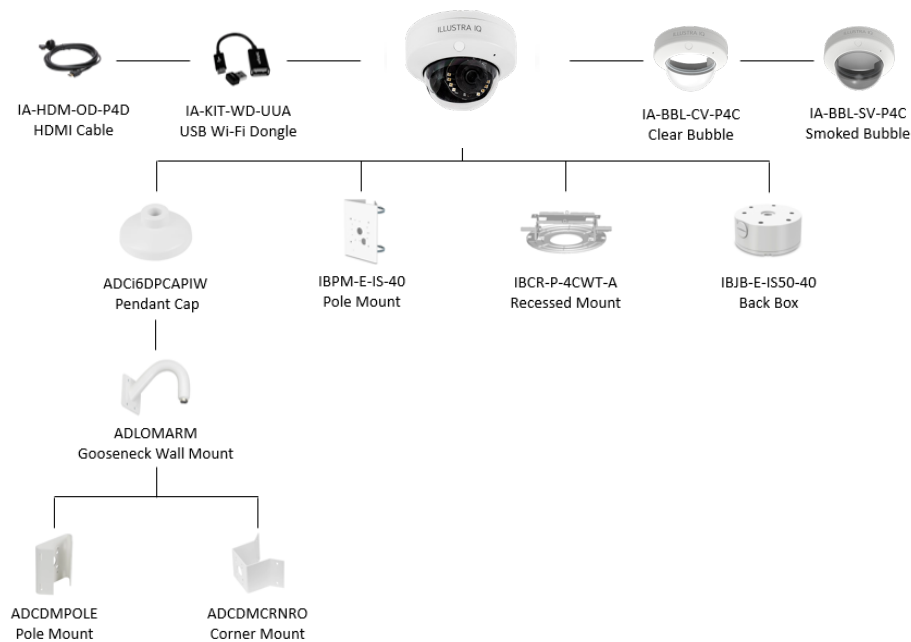
ILLUSTRA PRO LICENSE PLATE RECOGNITION (LPR) CAMERAS			
		 Coming soon	
IPS05-D12-LPR4	IPS05-B12-LPR4	IPS05-B16-LPR4	
2560x1920 (5 MP)	2560x1920 (5 MP)	2560x1920 (5 MP)	
Sony 1/2.8" CMOS 2.7 - 13.5 mm, F1.4, P-iris 103° - 33°	Sony 1/2.8" CMOS 2.7 - 13.5 mm, F1.4, P-iris 101° - 32°	Sony 1/2.8" CMOS 13 - 55 mm; F1.5; P iris 22° - 6°	
0.03 / 0.0002	0.11 / 0.03	0.09 / 0.03	
25/30	25/30	25/30	
✓ / ✓ / ✓	✓ / ✓ / ✓	✓ / ✓ / ✓	
Deep Learning AI	Deep Learning AI	Deep Learning AI	
License Plate Recognition (LPR) Object Analytics Object Attributes (Metadata) Face Detection Live Privacy Mask (Face, Person) Tamper & Blur Detection Audio Analytics Intelligent Search (Re-Id)	License Plate Recognition (LPR) Object Analytics Object Attributes (Metadata) Face Detection Live Privacy Mask (Face, Person) Tamper & Blur Detection Audio Analytics Intelligent Search (Re-Id)	License Plate Recognition (LPR) Object Analytics Object Attributes (Metadata) Face Detection Live Privacy Mask (Face, Person) Tamper & Blur Detection Audio Analytics Intelligent Search (Re-Id)	
Business Intelligence: Retail analytics & Person counting	Business Intelligence: Retail analytics & Person counting	Business Intelligence: Retail analytics & Person counting	
Profile S/G/T/M	Profile S/G/T/M	Profile S/G/T/M	
✓ / ✓	✓ / -	✓ / -	
PoE Class 3, 24 VAC	PoE Class 4, 24 VAC	PoE Class 4, 24 VAC	
✓	✓	✓	
2 / 2	2 / 2	2 / 2	
✓	✓	✓	
True WDR 120 dB, SmartWDR	True WDR 120 dB, SmartWDR	True WDR 120 dB, SmartWDR	
Adaptive/Smart IR 50 m (164 ft)	Adaptive/Smart IR PoE: 50 m (164 ft) PoE+: 70 m (230 ft)	Adaptive/Smart IR PoE: 50 m (164 ft) PoE+: 70 m (230 ft)	
✓ / ✓ / ✓ / ✓	✓ / ✓ / ✓ / ✓	✓ / ✓ / ✓ / ✓	
Smart Defog Electronic Image Stabilization (EIS) LPR Preinstalled 2000 entries w/o SD card Native Recessed Design Universal Backbox (Surface mount) HDMI Video out IP66/67/NEMA 4X, IK10	Smart Defog Electronic Image Stabilization (EIS) LPR Preinstalled 2000 entries w/o SD card Native Recessed Design Universal Backbox (Surface mount) HDMI Video out IP66/67/NEMA 4X, IK10	Smart Defog Electronic Image Stabilization (EIS) LPR Preinstalled 2000 entries w/o SD card Native Recessed Design Universal Backbox (Surface mount) HDMI Video out IP66/67/NEMA 4X, IK10	
5 years	5 years	5 years	

ILLUSTRA Pro Series | Accessory Guide

PRO MINI-DOME



PRO COMPACT MINI-DOME

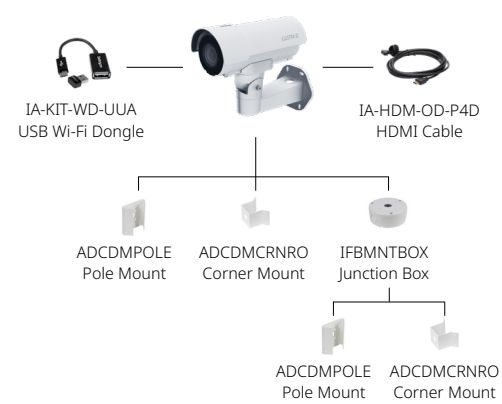


ILLUSTRA Pro Series | Accessory Guide

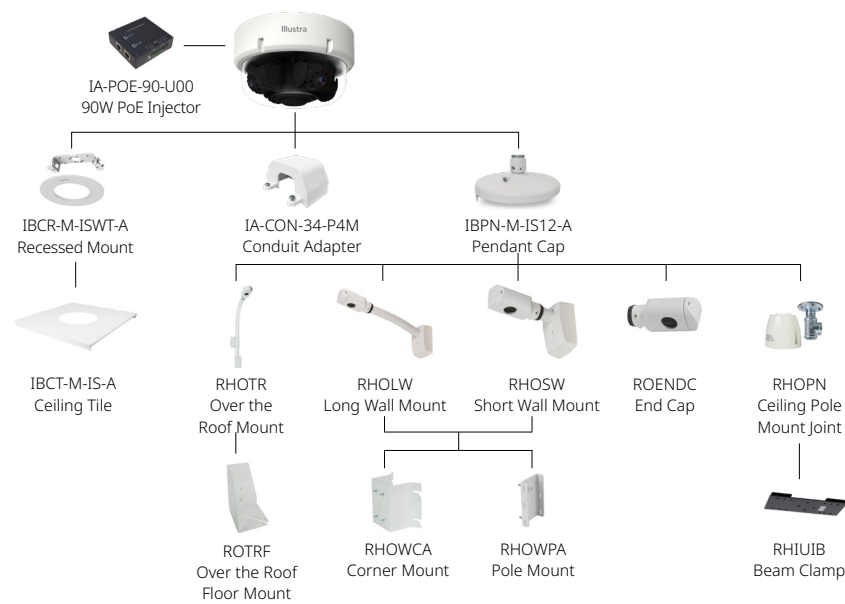
PRO CORNER



PRO BULLET

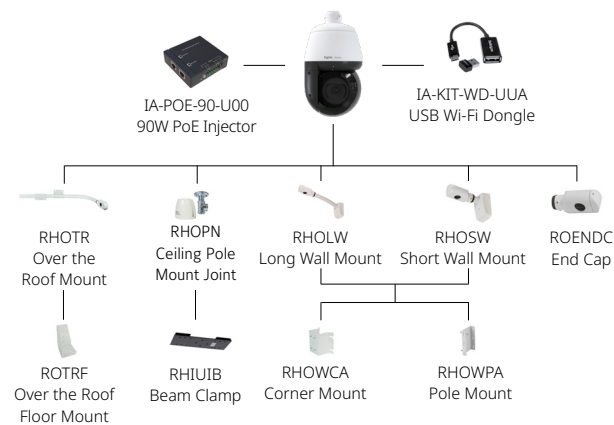


PRO MULTISENSOR

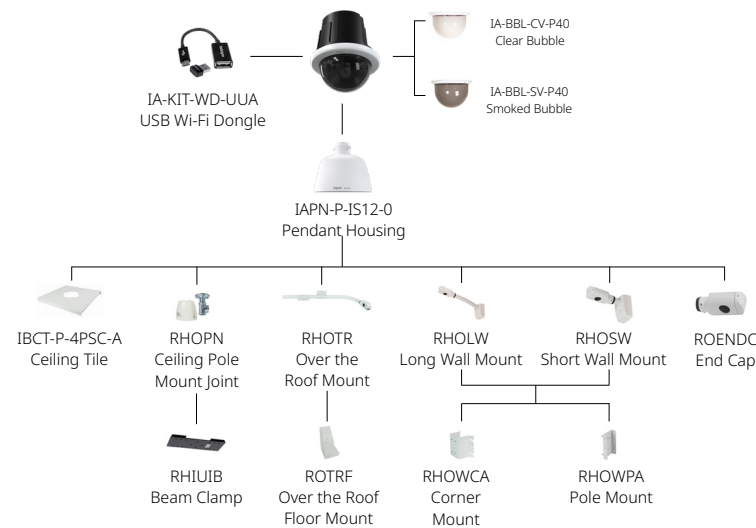


ILLUSTRA Pro Series | Accessory Guide

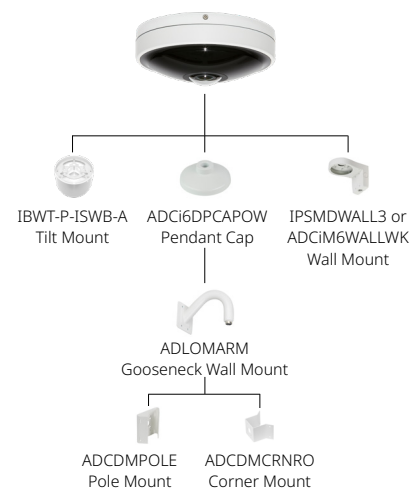
PRO IR PTZ OUTDOOR



PRO PTZ INDOOR



PRO FISHEYE





ILLUSTRA IQ

Flex Series

ILLUSTRA Flex Series | Network Cameras



Illustra Flex Outdoor Mini-Dome

Features That Make a Difference:

- 2MP, 5MP and 8MP (4K) resolution options for UHD quality images
- Low light capabilities and 850nm IR (up to 164 ft) for challenging lighting conditions
- P-iris lens for optimized image quality and versatile coverage
- Out-of-box Flex AI Suite enabled and calibrated with Person Counting
- Micro USB for wireless configuration
- Corridor and dual HD streaming mode
- Smart Bandwidth Management using IntelliZip
- Electronic Image Stabilization (EIS) using Gyro sensor
- 5-year warranty
- NDAA Compliant

	MODEL NUMBER	DESCRIPTION
8MP Outdoor Mini-Dome	IFS08-D13-OIB4	Illustra Flex 8MP Mini-Dome, 3.6-11mm, AI, IK10, TDN w/IR, TWDR
5MP Outdoor Mini-Dome	IFS05-D12-OIB4	Illustra Flex 5MP Mini-Dome, 2.7-13.5mm, AI, IK10, TDN w/IR, TWDR
2MP Outdoor Mini-Dome	IFS02-D12-OIB4	Illustra Flex 2MP Minidome, 2.7-13.5mm, AI, IK10, TDN w/IR, TWDR

ILLUSTRA Flex Series | Network Cameras



Illustra Flex Indoor Mini-Dome

Features That Make a Difference:

- 2MP, 5MP and 8MP (4K) resolution options for UHD quality images
- Low light capabilities for challenging lighting conditions
- P-iris lens for optimized image quality and versatile coverage
- Out-of-box Flex AI Suite enabled and calibrated with Person Counting
- Micro USB for wireless configuration
- Corridor and dual HD streaming mode
- Smart Bandwidth Management using IntelliZip
- Ultra-wide field-of-view (FoV)
- 5-year warranty
- NDAA Compliant

	MODEL NUMBER	DESCRIPTION
8MP Indoor Mini-Dome	IFS08-D13-ATB4	Illustra Flex 8MP Mini-Dome, 3.6-11mm, Indoor, AI, IK08, TDN, TWDR, Smoked Bubble
5MP Indoor Mini-Dome	IFS05-D12-ATB4	Illustra Flex 5MP Mini-Dome, 2.7-13.5mm, Indoor, AI, IK08, TDN, TWDR, Smoked Bubble
2MP Indoor Mini-Dome	IFS02-D12-ATB4	Illustra Flex 2MP Minidome, 2.7-13.5mm, Indoor, AI, IK08, TDN, TWDR, Smoked Bubble

ILLUSTRA Flex Series | Network Cameras



Illustra Flex Bullet

Features That Make a Difference:

- 2MP, 5MP and 8MP (4K) resolution options for UHD quality images
- Low light capabilities and 850nm IR (up to 239 ft) for challenging lighting conditions
- P-iris standard and telephoto lens for optimized image quality and versatile coverage
- Out-of-box Flex AI Suite enabled and calibrated with Person Counting
- Micro USB for wireless configuration
- Corridor and dual HD streaming mode
- Smart Bandwidth Management using IntelliZip
- Electronic Image Stabilization (EIS) using Gyro sensor
- 5-year warranty
- NDAA Compliant

	MODEL NUMBER	DESCRIPTION
8MP Bullet	IFS08-B13-OIB4	Illustra Flex 8MP Bullet, 3.6-11mm, AI, IK10, TDN w/IR, TWDR
5MP Bullet	IFS05-B12-OIB4	Illustra Flex 5MP Bullet, 2.7-13.5mm, AI, IK10, TDN w/IR, TWDR
	IFS05-B31-OIB4	Illustra Flex 5MP Tele Bullet, 5-50mm, AI, IK10, TDN, 70m IR, TWDR
2MP Bullet	IFS02-B12-OIB4	Illustra Flex 2MP Bullet, 2.7-13.5mm, AI, IK10, TDN w/IR, TWDR

ILLUSTRA Flex Series | Network Cameras



Illustra Flex Compact Dome

Features That Make a Difference:

- 2MP, 5MP and 8MP (4K) resolution options for UHD quality images
- Low light capabilities and 850nm IR (up to 66 ft) for challenging lighting conditions
- Industry-leading wide field-of-view (FoV)
- Out-of-box Flex AI Suite enabled and calibrated with Person Counting
- Micro USB for wireless configuration
- Smart Bandwidth Management using IntelliZip
- Corridor and dual HD streaming mode
- Outdoor rated
- 5-year warranty
- NDAA Compliant

	MODEL NUMBER	DESCRIPTION
8MP Compact Dome	IFS08-C23-OIB4	Illustra Flex 8MP Compact Dome, 4.5mm, AI, IK10, TDN w/IR, TWDR
5MP Compact Dome	IFS05-C10-OIB4	Illustra Flex 5MP Compact Dome, 2.8mm, AI, IK10, TDN w/IR, TWDR
2MP Compact Dome	IFS02-C10-OIB4	Illustra Flex 2MP Compact Dome, 2.8mm, AI, IK10, TDN w/IR, TWDR

ILLUSTRA Flex Series | Network Cameras



Illustra Flex Indoor PTZ with Bubble

Features That Make a Difference:

- 2MP (30x) and 5MP (30x) resolution options for high quality images
- Low light capabilities for challenging lighting conditions
- Auto tracking based upon Person detection
- Out-of-box Flex AI Suite enabled and calibrated
- Micro USB for wireless configuration
- Designed for indoor application with smoked bubble
- Smart Bandwidth Management using IntelliZip
- Electronic Image Stabilization using Gyro sensor
- 5-year warranty
- NDAA and TAA Compliant

	MODEL NUMBER	DESCRIPTION
5MP Indoor PTZ	IFS04-P07-ATA4	Illustra Flex 5MP PTZ, 30x, Indoor, AI, TDN, TWDR, Smoked Bubble
2MP Indoor PTZ	IFS02-P07-ATA4	Illustra Flex 2MP PTZ, 30x, Indoor, AI, TDN, TWDR, Smoked Bubble

ILLUSTRA Flex Series | Network Cameras



Illustra Flex Indoor PTZ with IR

Features That Make a Difference:

- 2MP (30x) and 5MP (30x) resolution options for high quality images
- Low light capabilities and 850nm IR (up to 164 ft) for challenging lighting conditions
- Auto tracking based upon Person detection
- Out-of-box Flex AI Suite enabled and calibrated
- Micro USB for wireless configuration
- Designed for indoor application where security and durability are important
- Smart Bandwidth Management using IntelliZip
- Electronic Image Stabilization using Gyro sensor
- 5-year warranty
- NDAA and TAA Compliant

	MODEL NUMBER	DESCRIPTION
5MP Indoor w/IR PTZ	IFS04-P07-IIA4	Illustra Flex 5MP PTZ, 30x, Indoor, AI, IP66, IK10, TDN w/IR, TWDR
2MP Indoor w/IR PTZ	IFS02-P07-IIA4	Illustra Flex 2MP PTZ, 30x, Indoor, AI, IP66, IK10, TDN w/IR, TWDR

ILLUSTRA Flex Series | Network Cameras



Illustra Flex Outdoor PTZ

Features That Make a Difference:

- 2MP (30x) and 5MP (30x) resolution options for high quality images
- Low light capabilities and 850nm IR (up to 656 ft) for challenging lighting conditions
- Auto tracking based upon Person detection
- Out-of-box Flex AI Suite enabled and calibrated
- Micro USB for wireless configuration
- Cost-effective solution for outdoor application
- Smart Bandwidth Management using IntelliZip
- Electronic Image Stabilization using Gyro sensor
- 5-year warranty
- NDAA and TAA Compliant

	MODEL NUMBER	DESCRIPTION
5MP Indoor w/IR PTZ	IFS04-P07-OIA4	Illustra Flex 5MP PTZ, 30x, AI, IP66, IK10, TDN w/IR, TWDR
2MP Indoor w/IR PTZ	IFS02-P07-OIA4	Illustra Flex 2MP PTZ, 30x, AI, IP66, IK10, TDN w/IR, TWDR

ILLUSTRA Flex Series | Network Cameras



Illustra Flex Dual Sensor

Features That Make a Difference:

- 10MP (5MP x2) and 16MP (8MP x2) resolution options for UHD quality images
- Low light capabilities and dedicated IR* per sensor (up to 115 ft) for challenging lighting conditions
- Out-of-box Flex AI Suite enabled and calibrated with Person Counting
- Micro USB for wireless configuration
- Dual Micro SD slot for up to 2TB of storage
- Smart design for ease of installation and outdoor rated
- Smart Bandwidth Management using IntelliZip
- Electronic Image Stabilization (EIS) using Gyro sensor
- 5-year warranty
- NDAA and TAA Compliant

	MODEL NUMBER	DESCRIPTION
16MP (8MP x2) Dual Sensor	IFS16-M10-OIA4	Illustra Flex 16MP Dual Sensor, 3.42-6.85mm, AI, IK10, TDN w/IR, TWDR
10MP (5MP x2) Dual Sensor	IFS10-M10-OIA4	Illustra Flex 10MP Dual Sensor, 3.42-6.85mm, AI, IK10, TDN w/IR, TWDR
	IFS10-M10-OTA4	Illustra Flex 10MP Dual Sensor, 3.42-6.85mm, AI, IK10, TDN, TWDR

ILLUSTRA Flex Series | Network Cameras



Illustra Flex Multi-Sensor

Features That Make a Difference:

- 16MP (4MP x4) resolution options for high quality images
- 4MP x4 multidirectional camera heads for 360° coverage
- Flexibility to choose between overview and detailed images for each stream
- Independently set up the positioning, angle and rotation of each camera head
- Cost-effective fixed lens multisensor option
- Wide area coverage per sensor
- Compact design and outdoor rated
- 3-year warranty
- NDAA Compliant

	MODEL NUMBER	DESCRIPTION
16MP (4MP x4) Multi-Sensor	IFS16-M10-BT03	Illustra Flex 16MP Multi-Sensor, 2.8mm, IP66, IK10, TDN, TWDR

ILLUSTRA Flex Series | Comparison Chart

ILLUSTRA FLEX MINI-DOME CAMERAS						
						
Model Number	IFS02-D12-ATB4	IFS05-D12-ATB4	IFS08-D13-ATB4	IFS02-D12-OIB4	IFS05-D12-OIB4	IFS08-D13-OIB4
Max. Resolution	1920x1080 (2 MP)	2560x1920 (5 MP)	3840x2160 (8 MP)	1920x1080 (2 MP)	2560x1920 (5 MP)	3840x2160 (8 MP)
Sensor size / Lens / Horizontal field of view	Sony 1/2.8" CMOS 2.7 - 13.5 mm, F1.6, P-iris 103.1° - 31.5°	Sony 1/2.8" CMOS 2.7 - 13.5 mm, F1.31, P-iris 107.4° - 34.2°	Sony 1/1.8" CMOS 3.6 - 11 mm, F1.3, P-iris 112.1° - 47.5°	Sony 1/2.8" CMOS 2.7 - 13.5 mm, F1.6, P-iris 103.1° - 31.5°	Sony 1/2.8" CMOS 2.7 - 13.5 mm, F1.31, P-iris 107.4° - 34.2°	Sony 1/1.8" CMOS 3.6 - 11 mm, F1.3, P-iris 112.1° - 47.5°
Min. Illuminations (lux) Color / B&W	0.05 / 0.005	0.1 / 0.01	0.1 / 0.01	0.05 / 0.005	0.1 / 0.01	0.1 / 0.01
Max. Frame Rate (fps)	50/60	25/30	12.5/15	50/60	25/30	12.5/15
H.265 / H.264 / IntelliZip	✓ / ✓ / ✓	✓ / ✓ / ✓	✓ / ✓ / ✓	✓ / ✓ / ✓	✓ / ✓ / ✓	✓ / ✓ / ✓
AI Compute Technology	Deep Learning AI	Deep Learning AI	Deep Learning AI	Deep Learning AI	Deep Learning AI	Deep Learning AI
Included Artificial Intelligence (AI) (For more details please refer to Illustra AI page)	Object Analytics Object Attributes (Metadata) Tamper Detection Blur Detection Motion Detection	Object Analytics Object Attributes (Metadata) Tamper Detection Blur Detection Motion Detection	Object Analytics Object Attributes (Metadata) Tamper Detection Blur Detection Motion Detection	Object Analytics Object Attributes (Metadata) Tamper Detection Blur Detection Motion Detection	Object Analytics Object Attributes (Metadata) Tamper Detection Blur Detection Motion Detection	Object Analytics Object Attributes (Metadata) Tamper Detection Blur Detection Motion Detection
	Business Intelligence: Person counting	Business Intelligence: Person counting	Business Intelligence: Person counting	Business Intelligence: Person counting	Business Intelligence: Person counting	Business Intelligence: Person counting
ONVIF Conformance	Profile S/G/T/M	Profile S/G/T/M	Profile S/G/T/M	Profile S/G/T/M	Profile S/G/T/M	Profile S/G/T/M
Audio support / Built-in Mic	✓ / -	✓ / -	✓ / -	✓ / -	✓ / -	✓ / -
Power	PoE Class 3, 24 VAC	PoE Class 3, 24 VAC	PoE Class 3, 24 VAC	PoE Class 3, 24 VAC	PoE Class 3, 24 VAC	PoE Class 3, 24 VAC
Power Failover	✓	✓	✓	✓	✓	✓
Alarm In / Out	✓ / ✓	✓ / ✓	✓ / ✓	✓ / ✓	✓ / ✓	✓ / ✓
Wireless Configuration	✓	✓	✓	✓	✓	✓
Wide Dynamic Range (WDR)	True WDR 141 dB, SmartWDR	True WDR 141 dB, SmartWDR	True WDR 141 dB, SmartWDR	True WDR 141 dB, SmartWDR	True WDR 141 dB, SmartWDR	True WDR 141 dB, SmartWDR
Built-in IR	-	-	-	Adaptive/Smart IR 50 m (164 ft)	Adaptive/Smart IR 50 m (164 ft)	Adaptive/Smart IR 50 m (164 ft)
Secure Boot / Signed Firmware / Encrypted Streaming / One-click security hardening	✓ / ✓ / ✓ / ✓	✓ / ✓ / ✓ / ✓	✓ / ✓ / ✓ / ✓	✓ / ✓ / ✓ / ✓	✓ / ✓ / ✓ / ✓	✓ / ✓ / ✓ / ✓
Additional Features	Smart Defog TrickeStor Electronic Image Stabilization (EIS) Smart Screwless Design Dual Full HD VideoStream IK08	Smart Defog TrickeStor Electronic Image Stabilization (EIS) Smart Screwless Design Dual Full HD VideoStream IK08	Smart Defog TrickeStor Electronic Image Stabilization (EIS) Smart Screwless Design Dual Full HD VideoStream IK08	Smart Defog TrickeStor Electronic Image Stabilization (EIS) Dual Full HD Video Stream IP66/67/NEMA 4X, IK10	Smart Defog TrickeStor Electronic Image Stabilization (EIS) Dual Full HD Video Stream IP66/67/NEMA 4X, IK10	Smart Defog TrickeStor Electronic Image Stabilization (EIS) Dual Full HD Video Stream IP66/67/NEMA 4X, IK10
Warranty	5 years	5 years	5 years	5 years	5 years	5 years

ILLUSTRA Flex Series | Comparison Chart

	ILLUSTRA FLEX COMPACT DOME CAMERAS		
			
Model Number	IFS02-C10-OIB4	IFS05-C10-OIB4	IFS08-C23-OIB4
Max. Resolution	1920x1080 (2 MP)	2560x1920 (5 MP)	3840x2160 (8 MP)
Sensor size / Lens / Horizontal field of view	Sony 1/2.8" CMOS 2.8 mm, F2.0, Fixed iris 114.1°	Sony 1/2.8" CMOS 2.8 mm, F2.0, Fixed iris 113.74°	Sony 1/1.8" CMOS 4.5 mm, F1.65, Fixed iris 109.9°
Min. Illuminations (lux) Color / B&W	0.1 / 0.01	0.1 / 0.01	0.1 / 0.01
Max. Frame Rate (fps)	50/60	25/30	25/30
H.265 / H.264 / IntelliZip	✓ / ✓ / ✓	✓ / ✓ / ✓	✓ / ✓ / ✓
AI Compute Technology	Deep Learning AI	Deep Learning AI	Deep Learning AI
Included Artificial Intelligence (AI) (For more details please refer to Illustra AI page)	Object Analytics Object Attributes (Metadata) Tamper Detection Blur Detection Motion Detection	Object Analytics Object Attributes (Metadata) Tamper Detection Blur Detection Motion Detection	Object Analytics Object Attributes (Metadata) Tamper Detection Blur Detection Motion Detection
	Business Intelligence: Person counting	Business Intelligence: Person counting	Business Intelligence: Person counting
ONVIF Conformance	Profile S/G/T/M	Profile S/G/T/M	Profile S/G/T/M
Audio support / Built-in Mic	- / -	- / -	- / -
Power	PoE Class 3	PoE Class 3	PoE Class 3
Power Failover	-	-	-
Alarm In / Out	- / -	- / -	- / -
Wireless Configuration	✓	✓	✓
Wide Dynamic Range (WDR)	True WDR 141 dB, SmartWDR	True WDR 141 dB, SmartWDR	True WDR 141 dB, SmartWDR
Built-in IR	Smart IR 20 m (65.62 ft)	Smart IR 20 m (65.62 ft)	Smart IR 20 m (65.62 ft)
Secure Boot / Signed Firmware / Encrypted Streaming / One-click security hardening	✓ / ✓ / ✓ / ✓	✓ / ✓ / ✓ / ✓	✓ / ✓ / ✓ / ✓
Additional Features	Smart Defog TrickeStor Dual Full HD Video Stream IP66/67/NEMA 4X, IK10	Smart Defog TrickeStor Dual Full HD Video Stream IP66/67/NEMA 4X, IK10	Smart Defog TrickeStor Dual Full HD Video Stream IP66/67/NEMA 4X, IK10
Warranty	5 years	5 years	5 years

ILLUSTRA Flex Series | Comparison Chart

ILLUSTRA FLEX BULLET CAMERAS				
				
Model Number	IFS02-B12-O1B4	IFS05-B12-O1B4	IFS05-B31-O1B4	IFS08-B13-O1B4
Max. Resolution	1920x1080 (2 MP)	2560x1920 (5 MP)	2560x1920 (5 MP)	3840x2160 (8 MP)
Sensor size / Lens / Horizontal field of view	Sony 1/2.8" CMOS 2.7 - 13.5 mm, F1.6, P-iris 103.1° - 31.5°	Sony 1/2.8" CMOS 2.7 - 13.5 mm, F1.31, P-iris 107.4° - 34.2°	Sony 1/2.8" CMOS 5 - 50 mm, F2.0, Fixed iris 50.85° - 7.7°	Sony 1/1.8" CMOS 3.6 - 11 mm, F1.3, P-iris 112.1° - 47.5°
Min. Illuminations (lux) Color / B&W	0.05 / 0.005	0.1 / 0.01	0.1 / 0.01	0.1 / 0.01
Max. Frame Rate (fps)	50/60	25/30	25/30	12.5/15
H.265 / H.264 / IntelliZip	✓ / ✓ / ✓	✓ / ✓ / ✓	✓ / ✓ / ✓	✓ / ✓ / ✓
AI Compute Technology	Deep Learning AI	Deep Learning AI	Deep Learning AI	Deep Learning AI
Included Artificial Intelligence (AI) (For more details please refer to Illustra AI page)	Object Analytics Object Attributes (Metadata) Tamper Detection Blur Detection Motion Detection	Object Analytics Object Attributes (Metadata) Tamper Detection Blur Detection Motion Detection	Object Analytics Object Attributes (Metadata) Tamper Detection Blur Detection Motion Detection	Object Analytics Object Attributes (Metadata) Tamper Detection Blur Detection Motion Detection
	Business Intelligence: Person counting	Business Intelligence: Person counting	Business Intelligence: Person counting	Business Intelligence: Person counting
ONVIF Conformance	Profile S/G/T/M	Profile S/G/T/M	Profile S/G/T/M	Profile S/G/T/M
Audio support / Built-in Mic	✓ / -	✓ / -	✓ / -	✓ / -
Power	PoE Class 3, 24 VAC	PoE Class 3, 24 VAC	PoE Class 3, 24 VAC	PoE Class 3, 24 VAC
Power Failover	✓	✓	✓	✓
Alarm In / Out	1 / 1	1 / 1	1 / 1	1 / 1
Wireless Configuration	✓	✓	✓	✓
Wide Dynamic Range (WDR)	True WDR 141 dB, SmartWDR	True WDR 141 dB, SmartWDR	True WDR 141 dB, SmartWDR	True WDR 141 dB, SmartWDR
Built-in IR	Adaptive/Smart IR 50 m (164 ft)	Adaptive/Smart IR 50 m (164 ft)	Adaptive/Smart IR 70 m (230 ft)	Adaptive/Smart IR 50 m (164 ft)
Secure Boot / Signed Firmware / Encrypted Streaming / One-click security hardening	✓ / ✓ / ✓ / ✓	✓ / ✓ / ✓ / ✓	✓ / ✓ / ✓ / ✓	✓ / ✓ / ✓ / ✓
Additional Features	Smart Defog TrickeStor Electronic Image Stabilization (EIS) Dual Full HD Video Stream IP66/67/NEMA 4X, IK10	Smart Defog TrickeStor Electronic Image Stabilization (EIS) Dual Full HD Video Stream IP66/67/NEMA 4X, IK10	Smart Defog TrickeStor Electronic Image Stabilization (EIS) Dual Full HD Video Stream IP66/67/NEMA 4X, IK10	Smart Defog TrickeStor Electronic Image Stabilization (EIS) Dual Full HD Video Stream IP66/67/NEMA 4X, IK10
Warranty	5 years	5 years	5 years	5 years

ILLUSTRA Flex Series | Comparison Chart

ILLUSTRA FLEX PAN/TILT/ZOOM (PTZ) CAMERAS						
						
Model Number	IFS02-P07-ATA4	IFS04-P07-ATA4	IFS02-P07-IIA4	IFS04-P07-IIA4	IFS02-P07-OIA4	IFS04-P07-OIA4
Max. Resolution	1920x1080 (2 MP)	2560x1920 (5 MP)	1920x1080 (2 MP)	2560x1920 (5 MP)	1920x1080 (2 MP)	2560x1920 (5 MP)
Sensor size / Lens / Horizontal field of view	Sony 1/2.8" CMOS 4.5 - 135 mm (30x), F1.4, P-iris 59.8° - 2.34°	Sony 1/2.8" CMOS 5.2 - 156 mm (30x), F1.3, P-iris 58.1° - 2.34°	Sony 1/2.8" CMOS 4.5 - 135 mm (30x), F1.4, P-iris 59.8° - 2.34°	Sony 1/2.8" CMOS 5.2 - 156 mm (30x), F1.3, P-iris 58.1° - 2.34°	Sony 1/2.8" CMOS 4.5 - 135 mm (30x), F1.4, P-iris 59.8° - 2.34°	Sony 1/2.8" CMOS 5.2 - 156 mm (30x), F1.3, P-iris 58.1° - 2.34°
Min. Illuminations (lux) Color / B&W	0.02 / 0.01	0.1 / 0.02	0.01 / 0.007	0.06 / 0.02	0.01 / 0.007	0.06 / 0.02
Max. Frame Rate (fps)	50/60	25/30	50/60	25/30	50/60	25/30
H.265 / H.264 / IntelliZip	✓ / ✓ / ✓	✓ / ✓ / ✓	✓ / ✓ / ✓	✓ / ✓ / ✓	✓ / ✓ / ✓	✓ / ✓ / ✓
AI Compute Technology	Deep Learning AI	Deep Learning AI	Deep Learning AI	Deep Learning AI	Deep Learning AI	Deep Learning AI
Included Artificial Intelligence (AI) (For more details please refer to Illustra AI page)	Object Analytics Object Attributes (Metadata) Tamper Detection Blur Detection Motion Detection	Object Analytics Object Attributes (Metadata) Tamper Detection Blur Detection Motion Detection	Object Analytics Object Attributes (Metadata) Tamper Detection Blur Detection Motion Detection	Object Analytics Object Attributes (Metadata) Tamper Detection Blur Detection Motion Detection	Object Analytics Object Attributes (Metadata) Tamper Detection Blur Detection Motion Detection	Object Analytics Object Attributes (Metadata) Tamper Detection Blur Detection Motion Detection
	Business Intelligence: Person counting	Business Intelligence: Person counting	Business Intelligence: Person counting	Business Intelligence: Person counting	Business Intelligence: Person counting	Business Intelligence: Person counting
ONVIF Conformance	Profile S/G/T/M	Profile S/G/T/M	Profile S/G/T/M	Profile S/G/T/M	Profile S/G/T/M	Profile S/G/T/M
Audio support / Built-in Mic	✓ / -	✓ / -	✓ / -	✓ / -	✓ / -	✓ / -
Power	PoE+ Class 4, 24 VAC / 48 VDC	PoE+ Class 4, 24 VAC / 48 VDC	PoE+ Class 4, 24 VAC / 48 VDC	PoE+ Class 4, 24 VAC / 48 VDC	PoE++ Class 7, 24 VAC / 48 VDC	PoE++ Class 7, 24 VAC / 48 VDC
Power Failover	✓	✓	✓	✓	✓	✓
Alarm In / Out	2 / 2	2 / 2	2 / 2	2 / 2	2 / 2	2 / 2
Wireless Configuration	✓	✓	✓	✓	✓	✓
Wide Dynamic Range (WDR)	True WDR 120 dB, SmartWDR	True WDR 120 dB, SmartWDR	True WDR 120 dB, SmartWDR	True WDR 120 dB, SmartWDR	True WDR 120 dB, SmartWDR	True WDR 120 dB, SmartWDR
Built-in IR	-	-	Adaptive/Smart IR 50 m (164 ft)	Adaptive/Smart IR 50 m (164 ft)	Adaptive/Smart IR 200 m (656 ft)	Adaptive/Smart IR 200 m (656 ft)
Secure Boot / Signed Firmware / Encrypted Streaming / One-click security hardening	✓ / ✓ / ✓ / ✓	✓ / ✓ / ✓ / ✓	✓ / ✓ / ✓ / ✓	✓ / ✓ / ✓ / ✓	✓ / ✓ / ✓ / ✓	✓ / ✓ / ✓ / ✓
Additional Features	Smart Defog Electronic Image Stabilization (EIS) Analog Video Out Dual Full HD Video Stream Smoked Bubble Preset Speed: 300°/sec	Smart Defog Electronic Image Stabilization (EIS) Analog Video Out Dual Full HD Video Stream Smoked Bubble Preset Speed: 300°/sec	Smart Defog Electronic Image Stabilization (EIS) Analog Video Out Dual Full HD Video Stream Preset Speed: 300°/sec IP66, IK10	Smart Defog Electronic Image Stabilization (EIS) Analog Video Out Dual Full HD Video Stream Preset Speed: 300°/sec IP66, IK10	Smart Defog Electronic Image Stabilization (EIS) Analog Video Out Dual Full HD Video Stream Preset Speed: 300°/sec IP66, IK10	Smart Defog Electronic Image Stabilization (EIS) Analog Video Out Dual Full HD Video Stream Preset Speed: 300°/sec IP66, IK10
Warranty	5 years	5 years	5 years	5 years	5 years	5 years

ILLUSTRA Flex Series | Comparison Chart

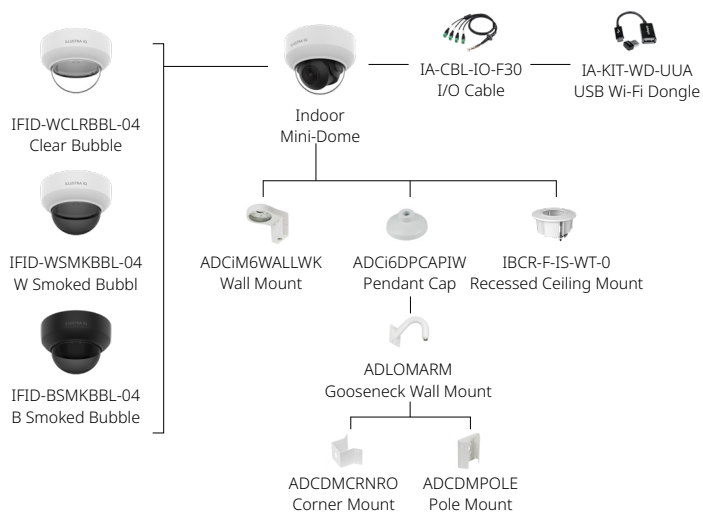
	ILLUSTRA DUAL SENSOR CAMERAS		
			
Model Number	IFS10-M10-OIA4	IFS10-M10-OTA4	IFS16-M10-OIA4
Max. Resolution	2560x1920 x2 (20MP)	2560x1920 x2 (20MP)	3840x2160 x2 (16 MP)
Sensor size / Lens / Horizontal field of view	Sony 1/2.8" CMOS x2 3.42 - 6.85 mm, F1.85, P-iris 99.7° - 45.5°	Sony 1/2.8" CMOS x2 3.42 - 6.85 mm, F1.85, P-iris 99.7° - 45.5°	Sony 1/2.8" CMOS x2 3.42 - 6.85 mm, F1.85, P-iris 104.4° - 47.2°
Min. Illuminations (lux) Color / B&W	0.13 / 0.04	0.13 / 0.04	0.1 / 0.03
Max. Frame Rate (fps)	25/30	25/30	25/30
H.265 / H.264 / IntelliZip	✓ / ✓ / ✓	✓ / ✓ / ✓	✓ / ✓ / ✓
AI Compute Technology	Deep Learning AI x2	Deep Learning AI x2	Deep Learning AI x4
Included Artificial Intelligence (AI) (For more details please refer to Illustra AI page)	Object Analytics Object Attributes (Metadata) Tamper Detection Blur Detection Motion Detection	Object Analytics Object Attributes (Metadata) Tamper Detection Blur Detection Motion Detection	Object Analytics Object Attributes (Metadata) Tamper Detection Blur Detection Motion Detection
	Business Intelligence: Person counting	Business Intelligence: Person counting	Business Intelligence: Person counting
ONVIF Conformance	Profile S	Profile S	Profile S
Audio support / Built-in Mic	✓ / -	✓ / -	✓ / -
Power	PoE+ Class 4, 24 VAC	PoE+ Class 4, 24 VAC	PoE++ Class 8, 24 VAC
Power Failover	✓	✓	✓
Alarm In / Out	1 / 1	1 / 1	1 / 1
Wireless Configuration	✓	✓	✓
Wide Dynamic Range (WDR)	True WDR 120 dB, SmartWDR	True WDR 120 dB, SmartWDR	True WDR 120 dB, SmartWDR
Built-in IR	Adaptive/Smart IR 35 m (115 ft)	-	Adaptive/Smart IR 30 m (98 ft)
Secure Boot / Signed Firmware / Encrypted Streaming / One-click security hardening	✓ / ✓ / ✓ / ✓	✓ / ✓ / ✓ / ✓	✓ / ✓ / ✓ / ✓
Additional Features	microSDXC slot x2 (2TB) Smart Defog Electronic Image Stabilization (EIS) Dedicated IR Per Sensor Dual Full HD Stream IP66/67/NEMA 4X, IK10	microSDXC slot x2 (2TB) Smart Defog Electronic Image Stabilization (EIS) Dual Full HD Stream IP66/67/NEMA 4X, IK10	microSDXC slot x2 (2TB) Smart Defog Electronic Image Stabilization (EIS) Dedicated IR Per Sensor Dual Full HD Stream IP66/67/NEMA 4X, IK10
Warranty	5 years	5 years	5 years

ILLUSTRA Flex Series | Comparison Chart

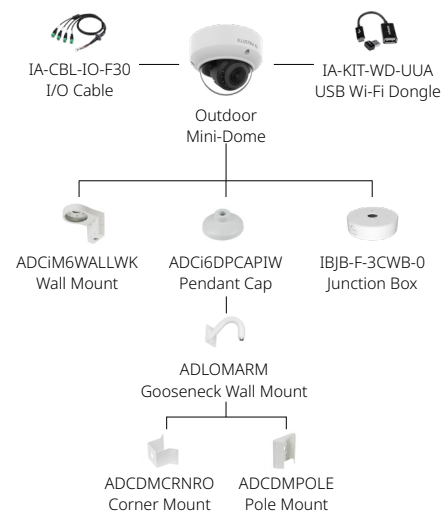
ILLUSTRA FLEX MULTI-SENSOR CAMERAS	
	
Model Number	IFS16-M10-BT03
Max. Resolution	2560x1440 x4 (16MP)
Sensor size / Lens / Horizontal field of view	1/3" CMOS x4 2.8 mm, F2.0, Fixed iris 90°
Min. Illuminations (lux) Color / B&W	0.41 / 0.022
Max. Frame Rate (fps)	25/30
H.265 / H.264 / IntelliZip	- / ✓ / -
AI Compute Technology	-
Included Artificial Intelligence (AI) (For more details please refer to Illustra AI page)	Motion Detection
	Business Intelligence: -
ONVIF Conformance	Profile S
Audio support / Built-in Mic	✓ / -
Power	PoE+ Class 4, 12 VDC
Power Failover	-
Alarm In / Out	1 / 1
Wireless Configuration	-
Wide Dynamic Range (WDR)	True WDR 120 dB
Built-in IR	-
Secure Boot / Signed Firmware / Encrypted Streaming / One-click security hardening	✓ / ✓ / ✓ / ✓
Additional Features	microSDXC slot x4 Analog Video Out IP66, IK10
Warranty	3 years

ILLUSTRA Flex Series | Accessory Guide

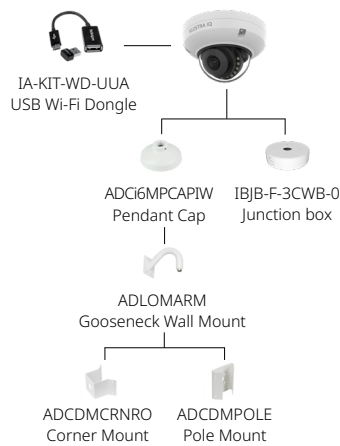
FLEX INDOOR MINI-DOME



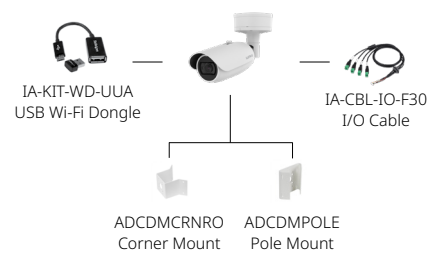
FLEX OUTDOOR MINI-DOME



FLEX COMPACT DOME

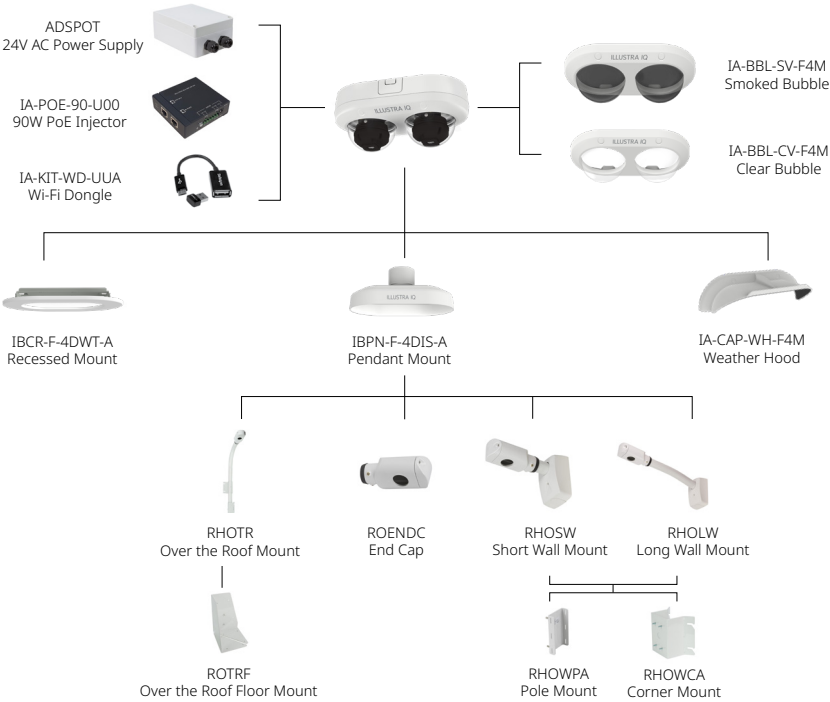


FLEX BULLET

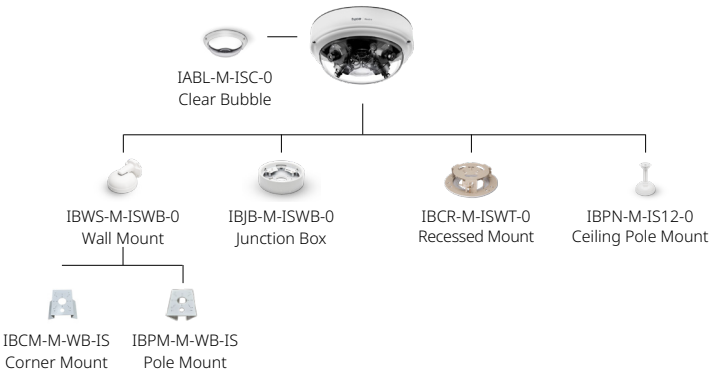


ILLUSTRA Flex Series | Accessory Guide

FLEX DUAL SENSOR

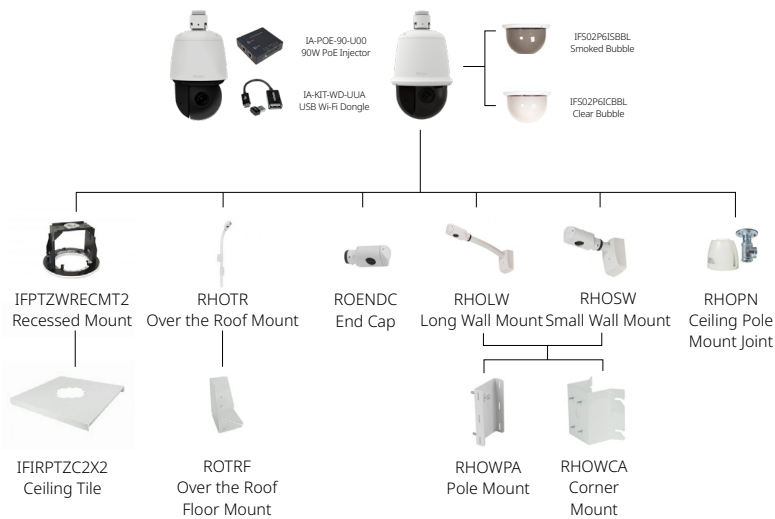


FLEX MULTISENSOR

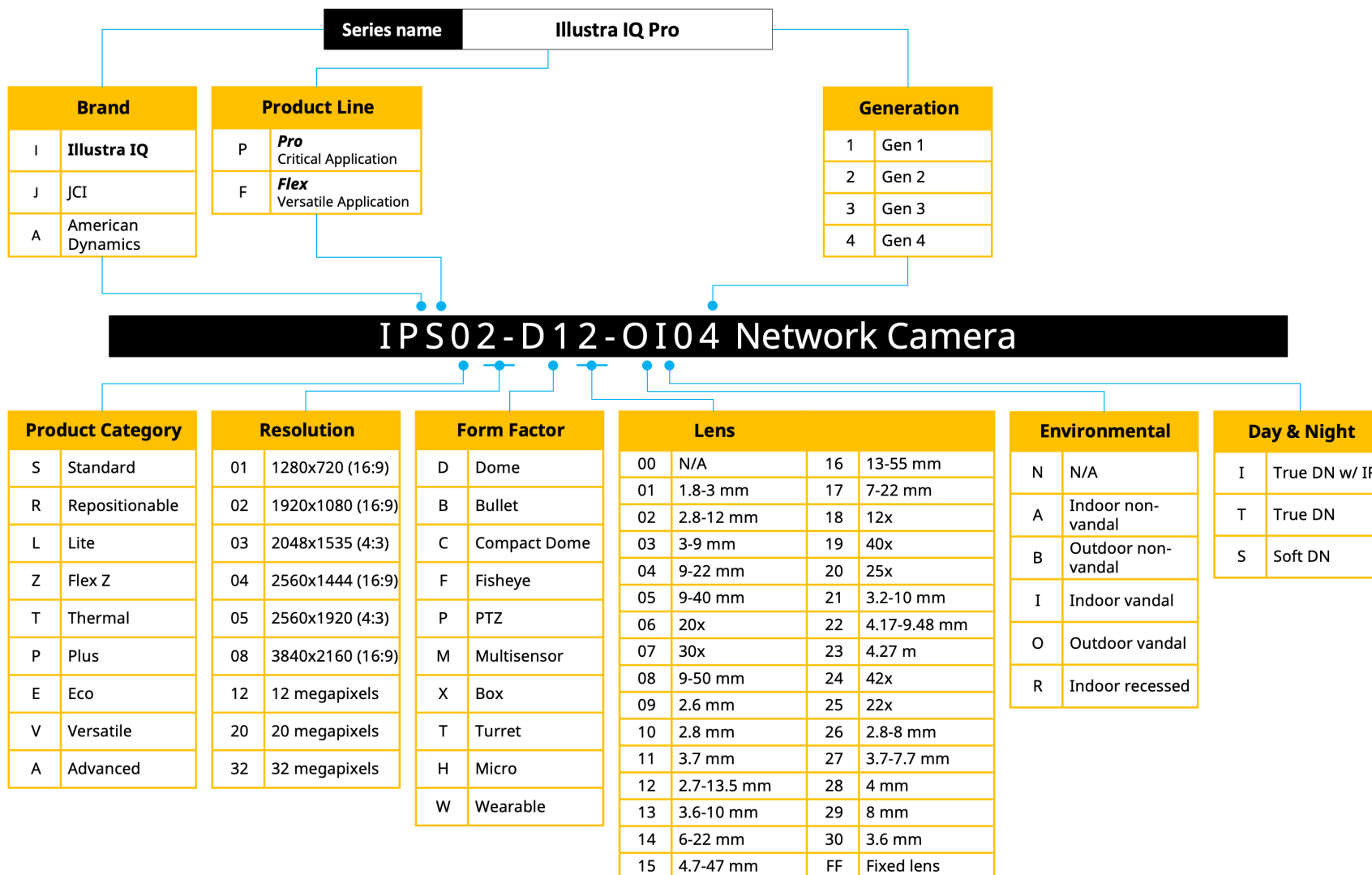


ILLUSTRA Flex Series | Accessory Guide

FLEX IR PTZ / BUBBLE PTZ



ILLUSTRA IQ Product Numbering Guide



* Applicable for Pro and Flex camera series. Some variations may apply.

ILLUSTRA IQ



For more information, please contact:

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