

ILLUSTRATION

Camera Guide

Jan 2024



AI-infused Network Cameras and Sensors for Smarter and Safer Buildings

The power behind **your mission**



ILLUSTRA IQ camera series

Dramatic

Illustra IQ
Pro

Most advanced video products that bring dramatic results for mission-critical projects

Strength

Illustra IQ
Flex

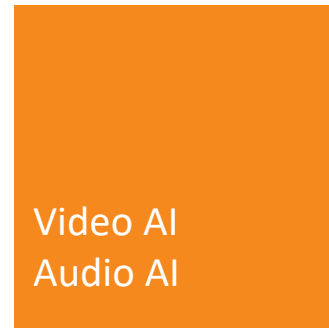
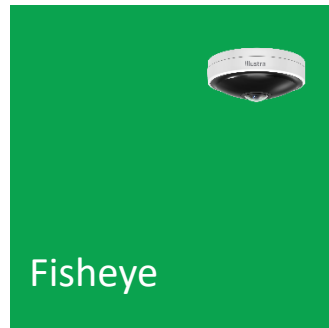
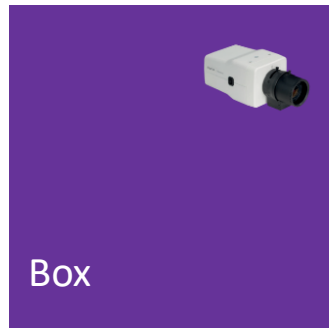
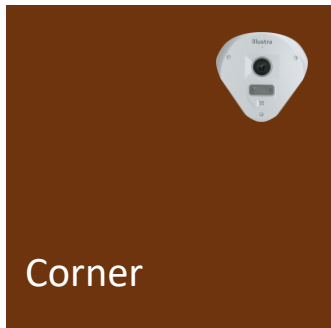
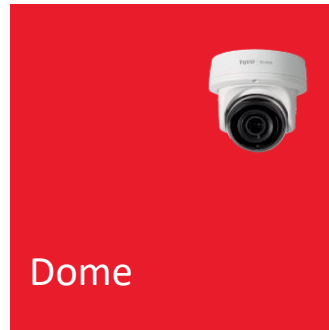
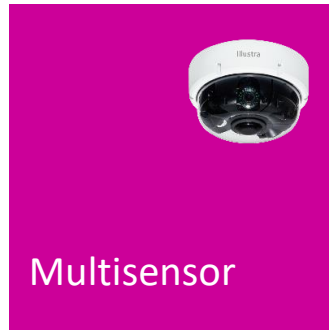
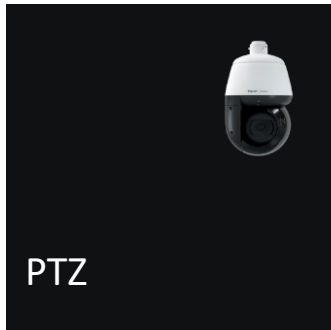
Versatile video products with all the strengths and robustness needed in higher-tier projects

Simplicity

Illustra IQ
Essentials

Everyday simplicity to satisfy minimum sense of security in commercial and SMB projects

Illustra IQ camera comparisons by form factors



MULTISENSOR cameras

2023 Camera Guide	Pro Gen 4 (AI)						Flex Gen 4 (AI)			Flex Gen 3
	20Mp PTRZ Multisensor IR	32Mp PTRZ Multisensor IR	20Mp Multisensor IR	20Mp Multisensor	32Mp Multisensor IR	32Mp Multisensor	10Mp Dual Sensor IR	10Mp Dual Sensor	16Mp Dual Sensor IR	16Mp Multisensor
Max. Resolution	4x 2560x1920 (4:3)	4x 3840x2160 (16:9)	4x 2560x1920 (4:3)	4x 2560x1920 (4:3)	4x 3840x2160 (16:9)	4x 3840x2160 (16:9)	2x 2560x1920 (4:3)	2x 2560x1920 (4:3)	2x 3840x2160 (16:9)	4x 2560x1440 (16:9)
Sensor Size	4x 1/2.8" CMOS	4x 1/1.8" CMOS	4x 1/2.8" CMOS	4x 1/2.8" CMOS	4x 1/1.8" CMOS	4x 1/1.8" CMOS	2x 1/2.8" CMOS	2x 1/2.8" CMOS	2x 1/1.8" CMOS	4x 1/3" CMOS
Lens, Iris & FOV (H)	2.7-13.5 mm, F1.4, P iris, 103°-33°	3.6-11 mm, F1.5, P iris, 95°-49°	2.7-13.5 mm, F1.4, P iris, 103°-33°	2.7-13.5 mm, F1.4, P iris, 103°-33°	3.6-11 mm, F1.5, P iris, 95°-49°	3.6-11 mm, F1.5, P iris, 95°-49°	3.4-6.9 mm, F1.85, P iris, 100°-46°	3.4-6.9 mm, F1.85, P iris, 100°-46°	3.4-6.9 mm, F1.85, P iris, 105°-47°	2.8 mm, F2.0, fixed iris, 90°
True Day & Night	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Min. Illuminations (lux) Color / B&W	0.03 / 0.0002	0.03 / 0.0004	0.03 / 0.0002	0.03 / 0.0002	0.03 / 0.0004	0.03 / 0.0004	0.13 / 0.04	0.13 / 0.04	0.1 / 0.03	0.41 / 0.022
Max. Frame Rate (fps)	4x SoC, each head: 5Mp: 30/25 2Mp: 60/50	4x SoC, each head: 8Mp: 30/25 2Mp: 60/50	4x SoC, each head: 5Mp: 30/25 2Mp: 60/50	4x SoC, each head: 5Mp: 30/25 2Mp: 60/50	4x SoC, each head: 8Mp: 30/25 2Mp: 60/50	4x SoC, each head: 8Mp: 30/25 2Mp: 60/50	2x SoC, each head: 8Mp: 30/25 2Mp: 60/50	2x SoC, each head: 8Mp: 30/25 2Mp: 60/50	2x SoC, each head: 8Mp: 15/15 2Mp: 60/50	1x SoC, each head: 4Mp: 30/25 2Mp: 30/25
Audio In / Out	1 / 1	1 / 1	1 / 1	1 / 1	1 / 1	1 / 1	1 / 1	1 / 1	1 / 1	1 / 1
Built-in Mic / Speaker	1 / 1	1 / 1	1 / 1	1 / 1	1 / 1	1 / 1	1 / 1	1 / 1	1 / 1	1 / 1
Edge AI Computing	4x Pro AI engine	4x Pro AI engine	4x Pro AI engine	4x Pro AI engine	4x Pro AI engine	4x Pro AI engine	2x Flex AI engine	2x Flex AI engine	2x Flex AI engine	-
Video Analytics	AI Object Analytics AI Retail Analytics AI Face Detect AI Tamper & Blur AI Metadata AI Rules	AI Object Analytics AI Retail Analytics AI Face Detect AI Tamper & Blur AI Metadata AI Rules	AI Object Analytics AI Retail Analytics AI Face Detect AI Tamper & Blur AI Metadata AI Rules	AI Object Analytics AI Retail Analytics AI Face Detect AI Tamper & Blur AI Metadata AI Rules	AI Object Analytics AI Retail Analytics AI Face Detect AI Tamper & Blur AI Metadata AI Rules	AI Object Analytics AI Retail Analytics AI Face Detect AI Tamper & Blur AI Metadata AI Rules	AI Object Analytics AI Tamper & Blur AI Metadata AI Rules	AI Object Analytics AI Tamper & Blur AI Metadata AI Rules	AI Object Analytics AI Tamper & Blur AI Metadata AI Rules	IVA & Rules
Audio Analytics	AI (coming soon)	AI (coming soon)	AI (coming soon)	AI (coming soon)	AI (coming soon)	AI (coming soon)	-	-	-	-
Smart Search	Edge AI Re-ID	Edge AI Re-ID	Edge AI Re-ID	Edge AI Re-ID	Edge AI Re-ID	Edge AI Re-ID	-	-	-	-
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	PoE+ Class 4 24 VAC	PoE+ Class 4 24 VAC	PoE+ Class 4 24 VAC	PoE+ Class 4 12 VDC
Alarm In / Out	2 / 2	2 / 2	2 / 2	2 / 2	2 / 2	2 / 2	1 / 1	1 / 1	1 / 1	1 / 1
Operating Temperature	-40°C to 55°C (-40°F to 131°F)	-40°C to 55°C (-40°F to 131°F)	-40°C to 55°C (-40°F to 131°F)	-40°C to 55°C (-40°F to 131°F)	-40°C to 55°C (-40°F to 131°F)	-40°C to 55°C (-40°F to 131°F)	-40°C to 60°C (-40°F to 140°F)	-40°C to 60°C (-40°F to 140°F)	-40°C to 60°C (-40°F to 140°F)	-20°C to 50°C (-4°F to 122°F)
Outdoor Ready	IP66 IK10	IP66 IK10	IP66 IK10	IP66 IK10	IP66 IK10	IP66 IK10	IP66/67, NEMA 4X IK10	IP66/67, NEMA 4X IK10	IP66/67, NEMA 4X IK10	IP66 IK10
True WDR	True WDR 120 dB SmartWDR SmartDefog AI Auto Exposure	True WDR 120 dB SmartWDR SmartDefog AI Auto Exposure	True WDR 120 dB SmartWDR SmartDefog AI Auto Exposure	True WDR 120 dB SmartWDR SmartDefog AI Auto Exposure	True WDR 120 dB SmartWDR SmartDefog AI Auto Exposure	True WDR 120 dB SmartWDR SmartDefog AI Auto Exposure	True WDR 120 dB SmartWDR SmartDefog AI Auto Exposure	True WDR 120 dB SmartWDR SmartDefog AI Auto Exposure	True WDR 120 dB SmartWDR SmartDefog AI Auto Exposure	True WDR 120 dB
IR Distance	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)	-	Adaptive/Smart IR 35 m (115 ft)	-	Adaptive/Smart IR 30 m (98 ft)	-
H.265 / H.264 / IntelliZip	✓ / ✓ / ✓	✓ / ✓ / ✓	✓ / ✓ / ✓	✓ / ✓ / ✓	✓ / ✓ / ✓	✓ / ✓ / ✓	✓ / ✓ / ✓	✓ / ✓ / ✓	✓ / ✓ / ✓	- / ✓ / -
Peripherals	EIS (coming soon) 4x microSDXC slot Micro USB	EIS (coming soon) 4x microSDXC slot Micro USB	EIS (coming soon) 4x microSDXC slot Micro USB	EIS (coming soon) 4x microSDXC slot Micro USB	EIS (coming soon) 4x microSDXC slot Micro USB	EIS (coming soon) 4x microSDXC slot Micro USB	EIS (coming soon) 2x microSDXC slot Micro USB	EIS (coming soon) 2x microSDXC slot Micro USB	EIS (coming soon) 2x microSDXC slot Micro USB	4x microSDXC slot 1x Analog video out
Ease of Installation	1x Managed switch Remote one-push AF WiFi config (optional) 1x IP address Secure boot	1x Managed switch Remote one-push AF WiFi config (optional) 1x IP address Secure boot	1x Managed switch Remote one-push AF WiFi config (optional) 1x IP address Secure boot	1x Managed switch Remote one-push AF WiFi config (optional) 1x IP address Secure boot	1x Managed switch Remote one-push AF WiFi config (optional) 1x IP address Secure boot	1x Managed switch Remote one-push AF WiFi config (optional) 1x IP address Secure boot	1x Managed switch Remote one-push AF WiFi config (optional) 1x IP address Secure boot	1x Managed switch Remote one-push AF WiFi config (optional) 1x IP address Secure boot	1x Managed switch Remote one-push AF WiFi config (optional) 1x IP address Secure boot	Pigtail cable Lightweight 1x IP address
Remote Pan / Tilt / Rotate	Each head can individually and remotely P/T/R/Z	Each head can individually and remotely P/T/R/Z	Manually repositionable	Manually repositionable	Manually repositionable	Manually repositionable	Manually redirectionable	Manually redirectionable	Manually repositionable	Manually repositionable
Warranty	5 years	5 years	5 years	5 years	5 years	5 years	5 years	5 years	5 years	3 years
Part Number	IPR20-M12-OIA4	IPR32-M13-OIA4	IPS20-M12-OIA4	IPS20-M12-OTA4	IPS32-M13-OIA4	IPS32-M13-OTA4	IFS10-M10-OIA4	IFS10-M10-OTA4	IFS16-M10-OIA4	IFS16-M10-BT03

PTZ cameras



2023 Camera Guide	Pro Gen 4 (AI)				Flex Gen 4 (AI)					
	2Mp PTZ Indoor 30x	2Mp IR PTZ Outdoor 42x	8Mp IR PTZ Indoor 22x	8Mp PTZ Outdoor 22x	2Mp IR PTZ Outdoor 30x	2Mp IR PTZ Indoor 30x	2Mp PTZ Indoor 30x	4Mp (5Mp) IR PTZ Outdoor 30x	4Mp (5Mp) IR PTZ Indoor 30x	4Mp (5Mp) PTZ Indoor 30x
Max. Resolution	1920x1080 (16:9)	1920x1080 (16:9)	3840x2160 (16:9)	3840x2160 (16:9)	1920x1080 (16:9)	1920x1080 (16:9)	1920x1080 (16:9)	2560x1920 (4:3)	2560x1920 (4:3)	2560x1920 (4:3)
Sensor Size	1/2.8" CMOS	1/2.8" CMOS	1/1.8" CMOS	1/1.8" CMOS	1/2.8" CMOS	1/2.8" CMOS	1/2.8" CMOS	1/2.8" CMOS	1/2.8" CMOS	1/2.8" CMOS
Lens, Iris & FOV (H)	30X Optical zoom 4.5-135 mm, 60°-5°	42X Optical zoom 7-295 mm, 43°-1.6°	22X Optical zoom 6-139 mm, 61.9°-3.4°	22X Optical zoom 6-139 mm, 61.9°-3.4°	30X Optical zoom 4.5-135 mm, F1.6-4.4, 59.8°-2.3°	30X Optical zoom 4.5-135 mm, F1.6-4.4, 59.8°-2.3°	30X Optical zoom 4.5-135 mm, F1.6-4.4, 59.8°-2.3°	30X Optical zoom 5.2-148.4 mm, F1.3-4.8, 58.1°-2.3°	30X Optical zoom 5.2-148.4 mm, F1.3-4.8, 58.1°-2.3°	30X Optical zoom 5.2-148.4 mm, F1.3-4.8, 58.1°-2.3°
True Day & Night	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Min. Illuminations (lux) Color / B&W	0.013 / 0.0035	0.004 / 0.015	0.015 / 0.0035	0.06 / 0.015	0.01 / 0.007	0.01 / 0.007	0.02 / 0.01	0.06 / 0.02	0.06 / 0.02	0.10 / 0.02
Max. Frame Rate (fps)	60/50	60/50	8Mp: 30/25 2Mp: 60/50	8Mp: 30/25 2Mp: 60/50	30/25	30/25	30/25	4Mp: 30/25 2Mp: 30/25	4Mp: 30/25 2Mp: 30/25	4Mp: 30/25 2Mp: 30/25
Audio In / Out	1 / 1	1 / 1	1 / 1	1 / 1	1 / 1	1 / 1	1 / 1	1 / 1	1 / 1	1 / 1
Built-in Mic / Speaker	Mic		Mic							
Edge AI Computing	Pro AI engine	Pro AI engine	Pro AI engine	Pro AI engine	Flex AI engine	Flex AI engine	Flex AI engine	Flex AI engine	Flex AI engine	Flex AI engine
Video Analytics	AI Object Analytics AI Retail Analytics AI Face Detect AI Tamper & Blur AI Object Tracking AI Metadata AI Rules	AI Object Analytics AI Retail Analytics AI Face Detect AI Tamper & Blur AI Object Tracking AI Metadata AI Rules	AI Object Analytics AI Retail Analytics AI Face Detect AI Tamper & Blur AI Object Tracking AI Metadata AI Rules	AI Object Analytics AI Retail Analytics AI Face Detect AI Tamper & Blur AI Object Tracking AI Metadata AI Rules	AI Object Analytics AI Tamper & Blur AI Object Tracking AI Metadata AI Rules	AI Object Analytics AI Tamper & Blur AI Object Tracking AI Metadata AI Rules	AI Object Analytics AI Tamper & Blur AI Object Tracking AI Metadata AI Rules	AI Object Analytics AI Tamper & Blur AI Object Tracking AI Metadata AI Rules	AI Object Analytics AI Tamper & Blur AI Object Tracking AI Metadata AI Rules	AI Object Analytics AI Tamper & Blur AI Object Tracking AI Metadata AI Rules
Audio Analytics	AI (coming soon)	AI (coming soon)	AI (future release)	AI (future release)	-	-	-	-	-	-
Smart Search	Edge AI Re-ID	Edge AI Re-ID	Edge AI Re-ID	Edge AI Re-ID	-	-	-	-	-	-
Power	PoE+ Class 4 24 VAC	PoE++ Class 8 24 VAC	PoE+ Class 4 24 VAC	PoE++ Class 8 24 VAC	PoE++ Class 7 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 4 24 VAC / 48 VDC	PoE+ Class 4 24 VAC / 48 VDC
Alarm In / Out	2 / 2	2 / 2	2 / 2	2 / 2	2 / 2	2 / 2	2 / 2	2 / 2	2 / 2	2 / 2
Operating Temperature	-10°C to 60°C (-14°F to 140°F)	-50°C to 65°C (-58°F to 149°F)	-10°C to 60°C (-14°F to 140°F)	-50°C to 65°C (-58°F to 149°F)	IR Off: -40°C to 65°C (-40°F to 149°F)	-20°C to 65°C (-4°F to 149°F)	-20°C to 65°C (-4°F to 149°F)	IR Off: -40°C to 65°C (-40°F to 149°F)	-20°C to 65°C (-4°F to 149°F)	-20°C to 65°C (-4°F to 149°F)
Outdoor Ready	IK10	IP66, Type 4X IK10	IK10	IP66, Type 4X IK10	IP66	IP66 IK10	IP66 IK10	IP66 IK10	IP66 IK10	IP66 IK10
True WDR	True WDR 126 dB SmartWDR SmartDefog AI Auto Exposure	True WDR 126 dB SmartWDR SmartDefog AI Auto Exposure	True WDR 126 dB SmartWDR SmartDefog AI Auto Exposure	True WDR 126 dB SmartWDR SmartDefog AI Auto Exposure	True WDR 120 dB SmartWDR SmartDefog AI Auto Exposure	True WDR 120 dB SmartWDR SmartDefog AI Auto Exposure	True WDR 120 dB SmartWDR SmartDefog AI Auto Exposure	True WDR 120 dB SmartWDR SmartDefog AI Auto Exposure	True WDR 120 dB SmartWDR SmartDefog AI Auto Exposure	True WDR 120 dB SmartWDR SmartDefog AI Auto Exposure
IR Distance	-	Adaptive/Smart IR 200 m (656 ft)	-	Adaptive/Smart IR 150 m (492 ft)	Adaptive/Smart IR 200 m (656 ft)	Adaptive/Smart IR 150 m (492 ft)	-	Adaptive/Smart IR 150 m (500 ft)	Adaptive/Smart IR 50 m (164 ft)	-
H.265 / H.264 / IntelliZip	✓ / ✓ / ✓	✓ / ✓ / ✓	✓ / ✓ / ✓	✓ / ✓ / ✓	✓ / ✓ / ✓	✓ / ✓ / ✓	✓ / ✓ / ✓	✓ / ✓ / ✓	✓ / ✓ / ✓	✓ / ✓ / ✓
Peripherals	EIS (coming soon) microSDXC 2TB slot Analog video out Micro USB	OIS microSDXC 2TB slot Analog video out Micro USB	EIS (coming soon) microSDXC 2TB slot Analog video out Micro USB	EIS (coming soon) microSDXC 2TB slot Analog video out Micro USB	EIS microSDXC 1TB slot Analog video out Micro USB	EIS microSDXC 1TB slot Analog video out Micro USB	EIS microSDXC 1TB slot Analog video out Micro USB	EIS microSDXC 1TB slot Analog video out Micro USB	EIS microSDXC 1TB slot Analog video out Micro USB	EIS microSDXC 1TB slot Analog video out Micro USB
Ease of Installation	Recessed ready Smoked bubble WiFi config (optional) Secure boot	Recessed ready Smoked bubble WiFi config (optional) Secure boot	Recessed ready Smoked bubble WiFi config (optional) Secure boot	Recessed ready Smoked bubble WiFi config (optional) Secure boot	Built-in Pendant Bubble-free clarity Lightweight WiFi config (optional) Secure boot	Built-in Pendant Bubble-free clarity Lightweight WiFi config (optional) Secure boot	Built-in Pendant Bubble-free clarity Lightweight WiFi config (optional) Secure boot	Built-in Pendant Bubble-free clarity Lightweight WiFi config (optional) Secure boot	Built-in Pendant Bubble-free clarity Lightweight WiFi config (optional) Secure boot	Built-in Pendant Bubble-free clarity Lightweight WiFi config (optional) Secure boot
Remote Pan / Tilt / Rotate	Super fast precision preset 700°/sec, quiet	Super fast precision preset 700°/sec, quiet Look-up 15° Shake and Dry	Super fast precision preset 700°/sec, quiet	Super fast precision preset 700°/sec, quiet Look-up 15° Shake and Dry	Steady preset 300°/s Accuracy 0.1° Look-up 15°	Steady preset 300°/s Accuracy 0.1° Look-up 15°	Steady preset 300°/s Accuracy 0.1°	Steady preset 300°/s Accuracy 0.1° Look-up 15°	Steady preset 300°/s Accuracy 0.1° Look-up 15°	Steady preset 300°/s Accuracy 0.1°
Warranty	5 years	5 years	5 years	5 years	5 years	5 years	5 years	5 years	5 years	5 years
Part Number	IPS02-P07-RT04	IPS02-P24-OI04	IPS08-P25-RT04	IPS08-P25-OI04	IFS02-P07-OIA4	IFS02-P07-IIA4	IFS02-P07-ATA4	IFS04-P07-OIA4	IFS04-P07-IIA4	IFS04-P07-ATA4







DOME cameras

2024 Camera Guide	Pro Gen 4 (AI)			Flex Gen 4 (AI)					
	2Mp Mini-Dome	4Mp (5Mp) Mini-Dome	8Mp Mini-Dome	2Mp Mini-Dome Outdoor	5Mp Mini-Dome Outdoor	8Mp Mini-Dome Outdoor	2Mp Mini-Dome Indoor	5Mp Mini-Dome Indoor	8Mp Mini-Dome Indoor
Max. Resolution	1920x1080 (16:9)	2560x1920 (4:3)	3840x2160 (16:9)	1920x1080 (16:9)	2560x1920 (4:3)	3840x2160 (16:9)	1920x1080 (16:9)	2560x1920 (4:3)	3840x2160 (16:9)
Sensor Size Lens, Iris & FOV (H)	1/2.8" CMOS Std: 2.7-13.5 mm, F1.4, P iris, 112°-35° Mid: 7-22 mm, F1.7, P iris, 40°-18°	1/2.8" CMOS Std: 2.7-13.5 mm, F1.4, P iris, 103°-33° Mid: 6-22 mm, F1.6, P iris, 40°-18°	1/1.8" CMOS Std: 3.6-10 mm, F1.5, P iris, 95°-49° Mid: 6-22 mm, F1.6, P iris, 50°-24°	1/2.8" CMOS 2.7-13.5 mm, F1.6, P iris, 98°-31°	1/2.8" CMOS 2.7-13.5 mm, F1.3, P iris, 98°-31°	1/1.8" CMOS 3.6-11 mm, F1.3, P iris, 112°-48°	1/2.8" CMOS 2.7-13.5 mm, F1.6, P iris, 98°-31°	1/2.8" CMOS 2.7-13.5 mm, F1.3, P iris, 98°-31°	1/1.8" CMOS 3.6-11 mm, F1.3, P iris, 112°-48°
True Day & Night	✓	✓	✓	✓	✓	✓	✓	✓	✓
Min. Illuminations (lux) Color / B&W	Std: 0.01 / 0.0001 Mid: 0.02 / 0.0002	Std: 0.03 / 0.0002 Mid: 0.02 / 0.0002	Std: 0.03 / 0.0004 Mid: 0.02 / 0.0005	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)	60/50	4/5Mp: 30/25 2Mp: 60/50	8Mp: 30/25 2Mp: 60/50	60/50	5Mp: 30/25 2Mp: 60/50	8Mp: 15/12.5 2Mp: 60/50	60/50	5Mp: 30/25 2Mp: 60/50	8Mp: 15/12.5 2Mp: 60/50
Audio In / Out Built-in Mic / Speaker	1 / 1 Mic	1 / 1 Mic	1 / 1 Mic	1 / 1 (via I/O cable)	1 / 1 (via I/O cable)	1 / 1 (via I/O cable)	1 / 1 (via I/O cable)	1 / 1 (via I/O cable)	1 / 1 (via I/O cable)
Edge AI Computing	Pro AI engine	Pro AI engine	Pro AI engine	Flex AI engine	Flex AI engine	Flex AI engine	Flex AI engine	Flex AI engine	Flex AI engine
Video Analytics	AI Object Analytics AI Retail Analytics AI Face Detect AI Tamper & Blur AI Metadata AIRules	AI Object Analytics AI Retail Analytics AI Face Detect AI Tamper & Blur AI Metadata AIRules	AI Object Analytics AI Retail Analytics AI Face Detect AI Tamper & Blur AI Metadata AIRules	AI Object Analytics AI Tamper & Blur AI Metadata AIRules	AI Object Analytics AI Tamper & Blur AI Metadata AIRules	AI Object Analytics AI Tamper & Blur AI Metadata AIRules	AI Object Analytics AI Tamper & Blur AI Metadata AIRules	AI Object Analytics AI Tamper & Blur AI Metadata AIRules	AI Object Analytics AI Tamper & Blur AI Metadata AIRules
Audio Analytics	AI (future release)	AI (future release)	AI (future release)	-	-	-	-	-	-
Smart Search	Edge AI Re-ID Pro	Edge AI Re-ID Pro	Edge AI Re-ID	-	-	-	-	-	-
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	PoE Class 3 24 VAC	PoE Class 3 24 VAC	PoE Class 3 24 VAC
Alarm In / Out	2 / 2	2 / 2	2 / 2	1 / 1 (via I/O cable)	1 / 1 (via I/O cable)	1 / 1 (via I/O cable)	1 / 1 (via I/O cable)	1 / 1 (via I/O cable)	1 / 1 (via I/O cable)
Operating Temperature	-50°C to 65°C (-58°F to 149°F)	-50°C to 65°C (-58°F to 149°F)	-50°C to 65°C (-58°F to 149°F)	-50°C to 50°C (-58°F to 122°F)	-50°C to 50°C (-58°F to 122°F)	-50°C to 50°C (-58°F to 122°F)	-20°C to 50°C (-4°F to 122°F)	-20°C to 50°C (-4°F to 122°F)	-20°C to 50°C (-4°F to 122°F)
Outdoor Ready	IP66/67, NEMA 4X IK10	IP66/67, NEMA 4X IK10	IP66/67, NEMA 4X IK10	IP66/67, NEMA 4X IK10	IP66/67, NEMA 4X IK10	IP66/67, NEMA 4X IK10	IK08	IK08	IK08
True WDR	True WDR 120 dB SmartWDR SmartDefog AI Auto Exposure Adaptive/Smart IR 50 m (164 ft)	True WDR 120 dB SmartWDR SmartDefog AI Auto Exposure Adaptive/Smart IR 50 m (164 ft)	True WDR 120 dB SmartWDR SmartDefog AI Auto Exposure Adaptive/Smart IR 50 m (164 ft)	True WDR 141 dB SmartWDR SmartDefog AI Auto Exposure Adaptive/Smart IR 50 m (164 ft)	True WDR 141 dB SmartWDR SmartDefog AI Auto Exposure Adaptive/Smart IR 50 m (164 ft)	True WDR 141 dB SmartWDR SmartDefog AI Auto Exposure Adaptive/Smart IR 50 m (164 ft)	True WDR 141 dB SmartWDR SmartDefog AI Auto Exposure	True WDR 141 dB SmartWDR SmartDefog AI Auto Exposure	True WDR 141 dB SmartWDR SmartDefog AI Auto Exposure
IR Distance	50 m (164 ft)	50 m (164 ft)	50 m (164 ft)	50 m (164 ft)	50 m (164 ft)	50 m (164 ft)	-	-	-
H.265 / H.264 / IntelliZip	✓ / ✓ / ✓	✓ / ✓ / ✓	✓ / ✓ / ✓	✓ / ✓ / ✓	✓ / ✓ / ✓	✓ / ✓ / ✓	✓ / ✓ / ✓	✓ / ✓ / ✓	✓ / ✓ / ✓
Peripherals	EIS microSDXC 2TB slot HDMI video out Micro USB	EIS microSDXC 2TB slot HDMI video out Micro USB	EIS microSDXC 2TB slot HDMI video out Micro USB	EIS (future release) microSDXC 1TB slot Micro USB	EIS (future release) microSDXC 1TB slot Micro USB	EIS (future release) microSDXC 1TB slot Micro USB	microSDXC 1TB slot Micro USB	microSDXC 1TB slot Micro USB	microSDXC 1TB slot Micro USB
Ease of Installation	Edge one-push AF Recessed ready Anti-ligature (optional) WiFi config (optional) Secure boot	Edge one-push AF Recessed ready Anti-ligature (optional) WiFi config (optional) Secure boot	Edge one-push AF Recessed ready Anti-ligature (optional) WiFi config (optional) Secure boot	Edge one-push AF I/O cable (optional) WiFi config (optional) Secure boot	Edge one-push AF I/O cable (optional) WiFi config (optional) Secure boot	Edge one-push AF I/O cable (optional) WiFi config (optional) Secure boot	Edge one-push AF I/O cable (optional) WiFi config (optional) Secure boot	Edge one-push AF I/O cable (optional) WiFi config (optional) Secure boot	Edge one-push AF I/O cable (optional) WiFi config (optional) Secure boot
Remote Pan / Tilt / Rotate	Manual	Manual	Manual	Manual	Manual	Manual	Manual	Manual	Manual
Warranty	5 years	5 years	5 years	5 years	5 years	5 years	5 years	5 years	5 years
Part Number	Std: IPS02-D12-OI04 Mid: IPS02-D17-OI04	Std: IPS04-D12-OI04 Mid: IPS04-D14-OI04	Std: IPS08-D13-OI04 Mid: IPS08-D14-OI04	IFS02-D12-OIB4	IFS05-D12-OIB4	IFS08-D13-OIB4	IFS02-D12-ATB4	IFS05-D12-ATB4	IFS08-D13-ATB4

2024 DOME cameras

2024 COMPACT DOME cameras



2024 Camera Guide	Essentials Gen 4	
	2Mp Mini-Dome Fixed	2Mp Mini-Dome Varifocal
		
Max. Resolution	1920x1080 (16:9)	1920x1080 (16:9)
Sensor Size Lens, Iris & FOV (H)	1/2.8" CMOS 2.8 mm, F1.8, fixed iris, 110°	1/2.8" CMOS 2.7-13.5 mm, F1.4, DC iris, 100°-34°
True Day & Night	✓	✓
Min. Illuminations (lux) Color / B&W	0.03 / 0.02	0.03 / 0.02
Max. Frame Rate (fps)	30/25	30/25
Audio In / Out Built-in Mic / Speaker	- / -	- / -
Edge AI Computing	-	-
Video Analytics	Motion Blur	Motion Blur
Audio Analytics	-	-
Smart Search	-	-
Power	PoE Class 3 12 VDC	PoE Class 3 12 VDC
Alarm In / Out	- / -	- / -
Operating Temperature	-30°C to 60°C (-22° to 140°F)	-30°C to 60°C (-22° to 140°F)
Outdoor Ready	IP67 IK10	IP67 IK10
True WDR	True WDR 120 dB	True WDR 120 dB
IR Distance	Smart IR 25 m (82 ft)	Smart IR 30 m (100 ft)
H.265 / H.264 / IntelliZip	✓ / ✓ / -	✓ / ✓ / -
Peripherals	microSDXC slot	microSDXC slot
Ease of Installation	Compact design	Remote one-push AF Compact design
Remote Pan / Tilt / Rotate	Manual	Manual
Warranty	3 years	3 years
Part Number	IES02-D10-OI04	IES02-D12-OI04

2024 Camera Guide	Pro Gen 4 (AI)			Flex Gen 4 (AI)		
	2Mp Compact Mini-Dome	4Mp (5Mp) Compact Mini-Dome	8Mp Compact Mini-Dome	2Mp Compact Mini-Dome	5Mp Compact Mini-Dome	8Mp Compact Mini-Dome
						
Max. Resolution	1920x1080 (16:9)	2560x1920 (4:3)	3840x2160 (16:9)	1920x1080 (16:9)	2560x1920 (4:3)	3840x2160 (16:9)
Sensor Size Lens, Iris & FOV (H)	1/2.8" CMOS 3.0 mm, F1.6, fixed iris, 105°	1/2.8" CMOS 3.0 mm, F2.0, fixed iris, 101°	1/1.8" CMOS 4.5 mm, F1.6, fixed iris, 110°	1/2.8" CMOS 2.8 mm, F2.0, fixed iris, 114°	1/2.8" CMOS 2.8 mm, F2.0, fixed iris, 105°	1/1.8" CMOS 4.5 mm, F1.6, fixed iris, 110°
True Day & Night	✓	✓	✓	✓	✓	✓
Min. Illuminations (lux) Color / B&W	0.02 / 0.01	0.2 / 0.07	0.15 / 0.07	0.1 / 0.01	0.1 / 0.01	0.1 / 0.01
Max. Frame Rate (fps)	60/50	5Mp: 30/25 2Mp: 60/50	8Mp: 30/25 2Mp: 60/50	60/50	5Mp: 30/25 2Mp: 60/50	8Mp: 15/12.5 2Mp: 60/50
Audio In / Out Built-in Mic / Speaker	- / - Mic	- / - Mic	- / - Mic	- / -	- / -	- / -
Edge AI Computing	Pro AI engine	Pro AI engine	Pro AI engine	Flex AI engine	Flex AI engine	Flex AI engine
Video Analytics	AI Object Analytics AI Retail Analytics AI Face Detect AI Tamper & Blur AI Metadata AI Rules	AI Object Analytics AI Retail Analytics AI Face Detect AI Tamper & Blur AI Metadata AI Rules	AI Object Analytics AI Retail Analytics AI Face Detect AI Tamper & Blur AI Metadata AI Rules	AI Object Analytics AI Tamper & Blur AI Metadata AI Rules	AI Object Analytics AI Tamper & Blur AI Metadata AI Rules	AI Object Analytics AI Tamper & Blur AI Metadata AI Rules
Audio Analytics	AI (future release)	AI (future release)	AI (future release)	-	-	-
Smart Search	Edge AI Re-ID Pro	Edge AI Re-ID Pro	Edge AI Re-ID Pro	-	-	-
Power	PoE Class 3	PoE Class 3	PoE Class 3	PoE Class 3	PoE Class 3	PoE Class 3
Alarm In / Out	- / -	- / -	- / -	- / -	- / -	- / -
Operating Temperature	-40°C to 60°C (-40°F to 140°F)	-40°C to 60°C (-40°F to 140°F)	-40°C to 60°C (-40°F to 140°F)	-50°C to 50°C (-58°F to 122°F)	-50°C to 50°C (-58°F to 122°F)	-50°C to 50°C (-58°F to 122°F)
Outdoor Ready	IP66/67, NEMA 4X IK10	IP66/67, NEMA 4X IK10	IP66/67, NEMA 4X IK10	IP66/67, NEMA 4X IK10	IP66/67, NEMA 4X IK10	IP66/67, NEMA 4X IK10
True WDR	True WDR 120 dB SmartWDR SmartDefog AI Auto Exposure Smart IR 30 m (100 ft)	True WDR 120 dB SmartWDR SmartDefog AI Auto Exposure Smart IR 30 m (100 ft)	True WDR 120 dB SmartWDR SmartDefog AI Auto Exposure Smart IR 30 m (100 ft)	True WDR 141 dB SmartWDR SmartDefog AI Auto Exposure Smart IR 20 m (65 ft)	True WDR 141 dB SmartWDR SmartDefog AI Auto Exposure Smart IR 20 m (65 ft)	True WDR 141 dB SmartWDR SmartDefog AI Auto Exposure Smart IR 20 m (65 ft)
IR Distance	Smart IR 30 m (100 ft)	Smart IR 30 m (100 ft)	Smart IR 30 m (100 ft)	Smart IR 20 m (65 ft)	Smart IR 20 m (65 ft)	Smart IR 20 m (65 ft)
H.265 / H.264 / IntelliZip	✓ / ✓ / ✓	✓ / ✓ / ✓	✓ / ✓ / ✓	✓ / ✓ / ✓	✓ / ✓ / ✓	✓ / ✓ / ✓
Peripherals	EIS microSDXC 2TB slot HDMI video out Micro USB	EIS microSDXC 2TB slot HDMI video out Micro USB	EIS microSDXC 2TB slot HDMI video out Micro USB	microSDXC 1TB slot Micro USB	microSDXC 1TB slot Micro USB	microSDXC 1TB slot Micro USB
Ease of Installation	Aesthetic design Recessed (optional) WiFi config (optional) Secure boot	Aesthetic design Recessed (optional) WiFi config (optional) Secure boot	Aesthetic design Recessed (optional) WiFi config (optional) Secure boot	WiFi config (optional) Secure boot	WiFi config (optional) Secure boot	WiFi config (optional) Secure boot
Remote Pan / Tilt / Rotate	Manual	Manual	Manual	Manual	Manual	Manual
Warranty	5 years	5 years	5 years	5 years	5 years	5 years
Part Number	IPS02-C10-OIA4	IPS04-C10-OIA4	IPS08-C10-OIA4	IFS02-C10-OIB4	IFS05-C10-OIB4	IFS08-C23-OIB4

BULLET cameras

2024 Camera Guide	Pro Gen 4 (AI)				Flex Gen 4 (AI)			Essentials Gen 4	
	2Mp Bullet IR	4Mp (5Mp) Bullet IR	4Mp (5Mp) Bullet	8Mp Bullet IR	2Mp Bullet	5Mp Bullet	8Mp Bullet	2Mp Mini-Bullet Fixed	2Mp Mini-Bullet Varifocal
Max. Resolution	1920x1080 (16:9)	2560x1920 (4:3)	2560x1920 (4:3)	3840x2160 (16:9)	1920x1080 (16:9)	2560x1920 (4:3)	3840x2160 (16:9)	1920x1080 (16:9)	1920x1080 (16:9)
Sensor Size	1/2.8" CMOS	1/2.8" CMOS	1/2.8" CMOS	1/1.8" CMOS	1/2.8" CMOS	1/2.8" CMOS	1/1.8" CMOS	1/2.8" CMOS	1/2.8" CMOS
Lens, Iris & FOV (H)	Std: 2.7-13.5 mm, F1.4, P iris, 104°-34° Tele: 10x, 4.7-47 mm, F1.4, P iris, 65°-7°	Std: 2.7-13.5 mm, F1.4, P iris, 101°-32° Tele: 13-55 mm, F1.5, P iris, 22°-6°	2.7-13.5 mm, F1.4, P iris, 101°-32°	Std: 3.6-11 mm, F1.5, P iris, 102°-48° Tele: 13-55 mm, F1.5, P iris, 34°-8°	2.7-13.5 mm, F1.6, P iris, 98°-31°	2.7-13.5 mm, F1.3, P iris, 98°-31°	3.6-11 mm, F1.3, P iris, 112°-48°	1/2.8" CMOS 2.8 mm, F1.8, fixed iris, 110°	1/2.8" CMOS 2.7-13.5 mm, F1.4, DC iris, 100°-34°
True Day & Night	✓	✓	✓	✓	✓	✓	✓	✓	✓
Min. Illuminations (lux) Color / B&W	Std: 0.04 / 0.01 Tele: 0.02 / 0.01	Std: 0.11 / 0.03 Tele: 0.09 / 0.03	0.11 / 0.03	Std: 0.2 / 0.05 Tele: 0.15 / 0.05	0.05 / 0.005	0.1 / 0.01	0.1 / 0.01	0.03 / 0.02	0.03 / 0.02
Max. Frame Rate (fps)	60/50	4/5Mp: 30/25 2Mp: 60/50	4/5Mp: 30/25 2Mp: 60/50	8Mp: 30/25 2Mp: 60/50	60/50	5Mp: 30/25 2Mp: 60/50	8Mp: 15/12.5 2Mp: 60/50	30/25	30/25
Audio In / Out					1 / 1 (via I/O cable)	1 / 1 (via I/O cable)	1 / 1 (via I/O cable)	- / -	- / -
Built-in Mic / Speaker	1 / 1	1 / 1	1 / 1	1 / 1					
Edge AI Computing	Pro AI engine	Pro AI engine	Pro AI engine	Pro AI engine	Flex AI engine	Flex AI engine	Flex AI engine	-	-
Video Analytics	AI Object Analytics AI Retail Analytics AI Face Detect AI Tamper & Blur AI Metadata AI Rules	AI Object Analytics AI Retail Analytics AI Face Detect AI Tamper & Blur AI Metadata AI Rules	AI Object Analytics AI Face Detect AI Tamper & Blur AI Metadata AI Rules	AI Object Analytics AI Retail Analytics AI Face Detect AI Tamper & Blur AI Metadata AI Rules	AI Object Analytics AI Tamper & Blur AI Metadata AI Rules	AI Object Analytics AI Tamper & Blur AI Metadata AI Rules	AI Object Analytics AI Tamper & Blur AI Metadata AI Rules	Motion Blur	Motion Blur
Audio Analytics	AI (future release)	AI (future release)	AI (future release)	AI (future release)	-	-	-	-	-
Smart Search	Edge AI Re-ID	Edge AI Re-ID	Edge AI Re-ID	Edge AI Re-ID	-	-	-	-	-
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	PoE Class 3 24 VAC	PoE Class 3 24 VAC	PoE Class 3 12 VDC	PoE Class 3 12 VDC
Alarm In / Out	2 / 2	2 / 2	2 / 2	2 / 2	1 / 1 (via I/O cable)	1 / 1 (via I/O cable)	1 / 1 (via I/O cable)	- / -	- / -
Operating Temperature	-50°C to 60°C (-58°F to 140°F)	-50°C to 60°C (-58°F to 140°F)	-50°C to 60°C (-58°F to 140°F)	-50°C to 60°C (-58°F to 140°F)	-50°C to 50°C (-58°F to 122°F)	-50°C to 50°C (-58°F to 122°F)	-50°C to 50°C (-58°F to 122°F)	-30°C to 60°C (-22° to 140°F)	-30°C to 60°C (-22° to 140°F)
Outdoor Ready	IP66/67, NEMA 4X IK10	IP66/67, NEMA 4X IK10	IP66/67, NEMA 4X IK10	IP66/67, NEMA 4X IK10	IP66/67, NEMA 4X IK10	IP66/67, NEMA 4X IK10	IP66/67, NEMA 4X IK10	IP67 IK07	IP67 IK07
True WDR	True WDR 120 dB SmartWDR SmartDefog	True WDR 120 dB SmartWDR SmartDefog	True WDR 120 dB SmartWDR SmartDefog	True WDR 120 dB SmartWDR SmartDefog	True WDR 141 dB SmartWDR SmartDefog	True WDR 141 dB SmartWDR SmartDefog	True WDR 141 dB SmartWDR SmartDefog	True WDR 120 dB	True WDR 120 dB
IR Distance	AI Auto Exposure Adaptive/Smart IR PoE: 50 m (164 ft) PoE+: 70 m (230 ft)	AI Auto Exposure Adaptive/Smart IR PoE: 50 m (164 ft) PoE+: 70 m (230 ft)	-	AI Auto Exposure Adaptive/Smart IR PoE: 50 m (164 ft) PoE+: 70 m (230 ft)	Adaptive/Smart IR 50 m (164 ft)	Adaptive/Smart IR 50 m (164 ft)	Adaptive/Smart IR 50 m (164 ft)	Smart IR 30 m (100 ft)	Smart IR 30 m (100 ft)
H.265 / H.264 / IntelliZip	✓ / ✓ / ✓	✓ / ✓ / ✓	✓ / ✓ / ✓	✓ / ✓ / ✓	✓ / ✓ / ✓	✓ / ✓ / ✓	✓ / ✓ / ✓	✓ / ✓ / -	✓ / ✓ / -
Peripherals	EIS microSDXC 2TB slot HDMI video out Micro USB	EIS microSDXC 2TB slot HDMI video out Micro USB	EIS microSDXC 2TB slot HDMI video out Micro USB	EIS microSDXC 2TB slot HDMI video out Micro USB	EIS (future release) microSDXC 1TB slot Micro USB	EIS (future release) microSDXC 1TB slot Micro USB	EIS (future release) microSDXC 1TB slot Micro USB	microSDXC slot	microSDXC slot
Ease of Installation	Edge one-push AF Smart bracket Easy access I/O WiFi config (optional) Secure boot	Edge one-push AF Smart bracket Easy access I/O WiFi config (optional) Secure boot	Edge one-push AF Smart bracket Easy access I/O WiFi config (optional) Secure boot	Edge one-push AF Smart bracket Easy access I/O WiFi config (optional) Secure boot	Edge one-push AF Built-in Backbox I/O cable (optional) WiFi config (optional) Secure boot	Edge one-push AF Built-in Backbox I/O cable (optional) WiFi config (optional) Secure boot	Edge one-push AF Built-in Backbox I/O cable (optional) WiFi config (optional) Secure boot	Compact design	Remote one-push AF Compact design
Remote Pan / Tilt / Rotate	Manual	Manual	Manual	Manual	Manual	Manual	Manual	Manual	Manual
Warranty	5 years	5 years	5 years	5 years	5 years	5 years	5 years	3 years	3 years
Part Number	Std: IPS02-B12-OIA4 Tele: IPS02-B15-OIA4	Std: IPS04-B12-OIA4 Tele: IPS04-B16-OIA4	IPS04-B12-OTA4	Std: IPS08-B13-OIA4 Tele: IPS08-B16-OIA4	IFS02-B12-OIB4	IFS05-B12-OIB4	IFS08-B13-OIB4	IES02-B10-BI04	IES02-B12-BI04

SPECIALTY cameras

2024 Camera Guide	Pro Gen 4 (AI)	
	5Mp Comer IK11 	12Mp Fisheye Edge Dewarp 
Max. Resolution	2560x1920 (4:3)	2992x2992 (1:1)
Sensor Size Lens, Iris & FOV (H)	1/2.8" CMOS 2.3 mm, F2.2, fixed iris, No Blind Spots	1/2.3" CMOS 1.6 mm, F2.0, fixed iris, 180°
True Day & Night	✓	✓
Min. Illuminations (lux) Color / B&W	0.17 / 0.06	0.7 / 0.13
Max. Frame Rate (fps)	5Mp: 30/25 2Mp: 60/50	9Mp: 30/25 Edge Dewarp: 4Mp
Audio In / Out	1 / 1	1 / 1
Built-in Mic / Speaker	Mic / Spk	Mic
Edge AI Computing	Pro AI engine	Pro AI engine
Video Analytics	AI Object Analytics AI Retail Analytics AI Face Detect AI Tamper & Blur AI Metadata AI Rules	Motion Blur
Audio Analytics	AI (future release)	AI (future release)
Smart Search	Edge AI Re-ID	-
Power	PoE Class 3 24 VAC / 12 VDC	PoE Class 3 24 VAC
Alarm In / Out	1 / 1	1 / 1
Operating Temperature	-40°C to 60°C (-40°F to 140°F)	IR off: -40°C to 55°C (-40°F to 131°F)
Outdoor Ready	IP66/67/68, NEMA 4X IK11	IP67, NEMA 4X IK10
True WDR	True WDR 120 dB SmartWDR SmartDefog AI Auto Exposure	True WDR 100 dB
IR Distance	Invisible 940nm IR 10x10 m (33x33 ft)	Smart IR 15 m (50 ft)
H.265 / H.264 / IntelliZip	✓ / ✓ / ✓	✓ / ✓ / ✓
Peripherals	EIS microSDXC 2TB slot Micro USB White LED	microSDXC slot
Ease of Installation	Tamper switch Recording Indicator Anti-ligature WiFi config (optional) Secure boot	Screw-less design
Remote Pan / Tilt / Rotate	Fixed	Fixed Tilt mount (optional)
Warranty	5 years	5 years
Part Number	IPS05-R10-OIA4	IPS12-F27-OIA4

Illustra AI object classifications & advanced applications

		Pro Gen 4 (AI) ¹	Flex Gen 4 (AI)
		6.5.x	6.5.0
AI Object Class	Person	Person	Person
	Vehicle	Bicycle, Motorbike, Car, Bus, Truck, Train	Bicycle, Motorbike, Car, Bus, Truck, Train
	Retail	Cart	-
	Suspicious Object	Backpack, Handbag, Suitcase	-
	Total	11	7
Sub-class	Person	Clothing colors (upper & lower)	Clothing colors (upper & lower)
	Vehicle	Vehicle colors	Vehicle colors
Accuracy	Concurrent Object ²	Approx 75 objects up to 95m (311 ft) distance	Approx 30 objects up to 95m (311ft) distance
AI Face Detection		Yes	-
AI Tamper Detection		Scene change, Black out, White out	Scene change, Black out, White out
AI Blur Detection		Yes	Yes
AI Object Tracking ³		Person, Face	Person
AI Rules		Object Detection, Abandoned/Removed objects, Direction, Linger Dwell, Enter, Exit, Crowd, Queue, Perimeter	
AI Smart Search	Re-Identification ⁴	Person Re-ID	-
	AI Metadata	Yes	Yes
AI Auto Exposure	ROI	Object, Person, Face	Object, Person

* For specific support scope and details as well as availability dates, please refer to datasheets and software release notes.

¹ Pro Gen4 exception: Pro4 Fisheye.

² AI Object Classification's effective detection accuracy and distance tested based on the lens tele-end of Pro4 Dome and Flex4 Dome cameras.

Pro4 Multisensor comes with 4x Pro AI engines thus could detect up to 300 concurrent objects. Pro4 Outdoor 42x PTZ might detect up to 2,122m (6,962ft) distance.

Actual application results may vary per lighting conditions and scene complexity case by case.

³ PTZ models only.

⁴ An end-to-end solution available via VideoEdge VMS.

Illustra IQ 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.*

Powered by:



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).

ONVIF Conformance & Related

		Basic Video Streaming	Advanced Video Streaming	Edge Storage		Metadata & Events for Analytics
		Profile S	Profile T	Profile G	TrickleStor ¹	Profile M
Pro	Gen4 – Fixed cameras	✓	✓	✓	✓	✓
	Gen4 – PTZ	✓	✓	✓	✓	✓
	Gen4 – Multisensor	✓	FY24	FY24	✓	FY24
	Gen3	✓	-	-	✓	-
Flex	Gen4 – Fixed & PTZ cameras	✓	✓	✓	✓	✓
	Gen4 – Dual Sensor	24.03 ²	FY24	FY24	✓	FY24
	Gen3	✓	-	-	✓	-
	Gen2	✓	-	-	✓	-
Essentials	Gen4	✓	-	✓	✓	-

* Table updated to ver 6.5.x. For specific support scope and details as well as availability dates, please refer to datasheets and software release notes.

1 Exclusively available via **VideoEdge** and **ExacqVision** VMS. Exceptions: Flex3 Multisensor, Pro2 Fisheye LT.

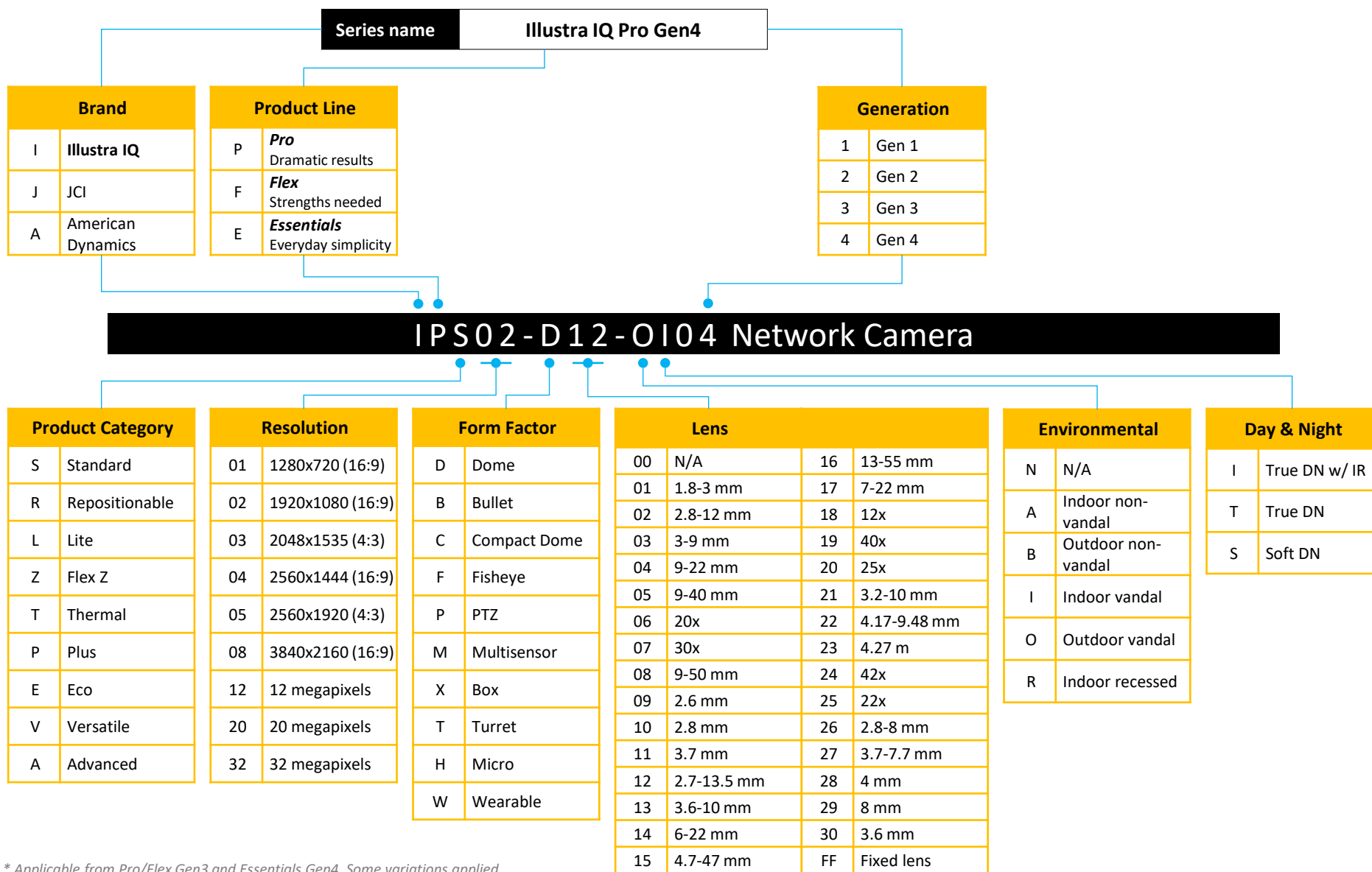
2 Firmware version **24.03** is tentatively scheduled for release in March 2024.

Regulatory Compliance

	NDA A	FCC	CE / UKCA	UL / CB	RoHS	REACH	WEEE
Pro	✓	✓	✓	✓	✓	✓	✓
Flex	✓	✓	✓	✓	✓	✓	✓
Essentials	✓	✓	✓	✓	✓	✓	✓

* For all other regulatory compliance, as well as any other country-specific or vertical-oriented regulatory compliance, please refer to respective product datasheets.

ILLUSTRA IQ camera naming structure





Thank you for specifying with Illustra IQ cameras!

For more information, please contact your Sales Representative:

