

**Illustra
Overview
Camera
Guide**

Camera Guide



A summary of features across all ranges

The power behind your mission

	Pro Gen 2	Pro Gen 2	Pro Gen 2	Pro Gen 3	Pro Gen 3	Pro Gen 3	Pro Gen 3	Pro Gen 3	Pro Gen 3	Pro Gen 3	Pro Gen 3	Pro Gen 3	Pro Gen 3	Pro Gen 4	Pro Gen 4	Pro Gen 4	Pro Gen 4
	Pro 2MP Micro	5MP Fisheye LT	12MP Fisheye	2MP Mini-Dome	3MP Mini-Dome	5MP Mini-Dome	8MP Mini-Dome	2MP Bullet	3MP Bullet	5MP Bullet	8MP Bullet	Pro Thermal EST	Indoor 2MP PTZ	Outdoor 2MP PTZ	Indoor 8MP PTZ	Outdoor 8MP PTZ	
Maximum Resolution	1920x1080 16:9	1936x1936	(2976x2976) 1:1	1920x1080 16:9	2048x1536 4:3	2592x1944 4:3	3840x2160 (4K) 16:9	1920x1080 16:9	2048x1536 4:3	2592x1944 4:3	3840x2160 (4K) 16:9	2592x1944	1920x1080 1080p 16:9	1920x1080 16:9	3840x2160 (4K) 16:9	3840x2160 (4K) 16:9	
Sensor		1/2.5" CMOS	1/1.7" CMOS	1/2.8" CMOS	1/2.8" CMOS	1/2.8" CMOS	1/1.8" CMOS	1/2.8" CMOS	1/2.8" CMOS	1/2.8" CMOS	1/1.8" CMOS	1/2.7" CMOS	1/2.8" CMOS	1/2.8" CMOS	1/1.8" CMOS	1/1.8" CMOS	
Max Frame Rate/ Video Compression	H.264 H.265	60ips @ 2MP	14ips @ 5mp	30ips @ 12MP 30ips @ 1080p	60ips @ 2MP	60ips @ 2MP 3MP @ 30fps	5MP @ 30fps 2MP @ 60fps	8MP @ 30fps 2MP @ 60fps	60ips @ 2MP	60ips @ 2MP 3MP @ 30fps	5MP @ 30fps 2MP @ 60fps	8MP @ 30fps 2MP @ 60fps	30ips	60ips @ 2MP	60ips @ 2MP	30ips @ 8MP	30ips @ 8MP
	MJPEG	60ips @ 2MP	14ips @ 5mp	30ips @ 12MP 30ips @ 1080p	60ips @ 2MP	60ips @ 2MP 3MP @ 30fps	5MP @ 30fps 2MP @ 60fps	8MP @ 30fps 2MP @ 60fps	60ips @ 2MP	60ips @ 2MP 3MP @ 30fps	5MP @ 30fps 2MP @ 60fps	8MP @ 30fps 2MP @ 60fps	30ips	60ips @ 2MP	60ips @ 2MP	30ips @ 2MP	30ips @ 8MP
IntelliZip enabled	●		●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Number of streams	3	2	3	4	4	4	4	4	4	4	4	3	4	4	4	4	4
Minimum Illumination (Lux)	Color	0.01 lux	1.2 lux	0.6 lux @ 1/15s	Standard: 0.01 lux Telephoto: 0.02 lux	Standard: 0.02 lux Telephoto: 0.03 lux	Standard: 0.03 lux Telephoto: 0.03 lux	Standard: 0.03 lux Telephoto: 0.03 lux	Standard: 0.01 lux Telephoto: 0.01 lux	Standard: 0.02 lux Telephoto: 0.03 lux	Standard: 0.03 lux Telephoto: 0.03 lux	Standard: 0.03 lux Telephoto: 0.03 lux	0.012 Lux	0.01 Lux	0.01 Lux	0.05 Lux	0.05 Lux
	B/W			0.003 lux @ 1/4s	Standard: 0.0001 lux Telephoto: 0.0002 lux	Standard: 0.0002 lux Telephoto: 0.0003 lux	Standard: 0.0002 lux Telephoto: 0.0003 lux	Standard: 0.0004 lux Telephoto: 0.0005 lux	Standard: 0.0001 lux Telephoto: 0.001 lux	Standard: 0.0002 lux Telephoto: 0.0003 lux	Standard: 0.0002 lux Telephoto: 0.0003 lux	Standard: 0.0005 lux Telephoto: 0.0005 lux	0.0012 Lux	0.01 Lux	0.01 Lux	0.01 Lux	0.01 Lux
Lens Type Focal Length	Fixed Focal 2.8mm	Fixed Focal 1.37mm	Glass Aspherical 1.5mm	Motorized Varifocal and Focus, P-Iris 2.7-13.5mm, 7-22mm	Motorized Varifocal and Focus, P-Iris 2.7-13.5mm, 7-22mm	Motorized Varifocal and Focus, P-Iris 2.7-13.5mm, 6-22mm	Motorized Varifocal and Focus, P-Iris 3.6-10mm, 6-22mm	Motorized Varifocal and Focus, P-Iris 2.7-13.5mm, 4.7- 47mm	Motorized Varifocal and Focus, P-Iris 2.7-13.5mm, 4.7- 47mm	Motorized Varifocal and Focus, P-Iris 2.7-13.5mm, 13- 55mm	Motorized Varifocal and Focus, P-Iris 3.6-10mm, 13-55mm	Fixed Focal 8mm	Motorized Varifocal 30x Optical Zoom 12x Digital	Motorized Varifocal 42x Optical Zoom 12x Digital	Motorized Varifocal 22x Optical Zoom 12x Digital	Motorized Varifocal 22x Optical Zoom 12x Digital	
Horizontal Field of View	116°/65°	183°	180°	Wide Angle: 112°/58° Telephoto: 40°/21°	Wide Angle: 100°/73° Telephoto: 36°/26°	Wide Angle: 103°/74° Telephoto: 40°/30°	Wide Angle: 95°/53° Telephoto: 50°/28°	Wide Angle: 112°/58° Wide Angle: 62.2°/37°	Wide Angle: 100°/73° Telephoto: 58°/45°	Wide Angle: 103°/74° Telephoto: 25°/19°	Wide Angle: 95°/53° Telephoto: 33°/17°	38°/27.5°	Wide Angle: 60°/37° Telephoto: 5°/3°	Wide Angle: 43°/24° Telephoto: 1.6°/0.9°	Wide Angle: 61.9°/36.2° Telephoto: 3.4°/1.7°	Wide Angle: 61.9°/36.2° Telephoto: 3.4°/1.7°	
Auto Focus/ Motorized Zoom	Fixed	Fixed	Fixed	Auto Focus	Auto Focus	Auto Focus	Auto Focus	Auto Focus	Auto Focus	Auto Focus	Auto Focus	Auto Focus	Auto Focus	Auto Focus	Auto Focus	Auto Focus	Auto Focus
True Day/Night	Soft Day/Night		Mechanical ICR	True Day/Night	True Day/Night	True Day/Night	True Day/Night	True Day/Night	True Day/Night	True Day/Night	True Day/Night	True Day/Night	True Day/Night	True Day/Night	True Day/Night	True Day/Night	True Day/Night
IR Illuminator Distance			49 ft (15m)	130 ft (40m)	130 ft (40m)	130 ft (40m)	130 ft (40m)	Std lens: 197ft (60) Tele lens 230ft (70m)	Std lens: 197ft (60) Tele lens 230ft (70m)	Std lens: 197ft (60) Tele lens 230ft (70m)	Std lens: 197ft (60) Tele lens 230ft (70m)	65.6 feet (20m)		656 feet (200m)		492 feet (150m)	
Advanced Analytics				●	●	●	●	●	●	●	●	●	●	●	●	●	●
Tyco AI Analytics													●	●	●	●	●
WiFi Configuration													●	●	●	●	●
TrickleStor/Backfill Compatible				●	●	●	●	●	●	●	●	●	●	●	●	●	●
Onboard Storage (SD Card Slot)		Micro SDHC up to 32GB	microSDXC 64GB	microSDXC up to 256GB	microSDXC up to 256GB	microSDXC up to 256GB	microSDXC up to 256GB	microSDXC up to 256GB	microSDXC up to 256GB	microSDXC up to 256GB	microSDXC up to 256GB		micro SD & SDXC slot up to 512GB	microSD/SDHC/SDXC up to 512GB	micro SD & SDXC slot up to 512GB	microSD/SDHC/SDXC up to 512GB	
Audio Input/Output			●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Alarm Input/Output			1/1	2/1	2/1	2/1	2/1	2/1	2/1	2/1	2/1	1/1	2/2	2/2	2/2	2/2	2/2
Outdoor Rating			IP67	IP67	IP67	IP67	IP67	IP67	IP67	IP67	IP67	IP66	IP67	IP67	IP67	IP67	
Vandal Resistant		IK10 (Vandal Model)	IK10	IK10	IK10	IK10	IK10	IK10	IK10	IK10	IK10	IK10	IK10	IK10	IK10	IK10	
Power Input	(PoE) IEEE 802.3af/802.3at Type 1 Class 3	PoE 802.3af Class 3	DC 12V, (PoE) IEEE 802.3af/802.3at Type 1 Class 3	(PoE) IEEE 802.3af/802.3at, Type 1 Class 3; 24 VAC	(PoE) IEEE 802.3af/802.3at, Type 1 Class 3; 24 VAC	(PoE) IEEE 802.3af/802.3at, Type 1 Class 3; 24 VAC	(PoE) IEEE 802.3af/802.3at, Type 1 Class 3; 24 VAC	(PoE) IEEE 802.3af/802.3at, Type 1 Class 3; 24 VAC	(PoE) IEEE 802.3af/802.3at, Type 1 Class 3; 24 VAC	(PoE) IEEE 802.3af/802.3at, Type 1 Class 3; 24 VAC	(PoE) IEEE 802.3af/802.3at, Type 1 Class 3; 24 VAC	DC12V / PoE	802.3at PoE+ Type 2 (30w)	802.3bt Type 4 (90W)	802.3at PoE+ Type 2 (30w)	802.3bt Type 4 (90W)	
Power Draw	8.5W	7.5W	PoE 7.1W DC12V 8.1W	PoE 12.95W, 24 VAC 16.5W	PoE 12.95W, 24 VAC 16.5W	PoE 12.95W, 24 VAC 16.5W	PoE 12.95W, 24 VAC 16.5W	PoE 12.95W, 24 VAC 16.5W	PoE 12.95W, 24 VAC 16.5W	PoE 12.95W, 24 VAC 16.5W	PoE 12.95W, 24 VAC 16.5W	9W	24 VAC 24.62W	24 VAC 71.7W	24 VAC 24.75W	24 VAC 70.6W	
Operating Temperature	14°F to -104°F (-10°C to 40°C)	14°F to 113°F (-10°C to 45°C)	-22°F - 122°F (-30°C - 50°C)	-58° to +140°F (-50° to +60°C)	-58° to +140°F (-50° to +60°C)	-58° to +140°F (-50° to +60°C)	-58° to +140°F (-50° to +60°C)	-58° to +140°F (-50° to +60°C)	-58° to +140°F (-50° to +60°C)	-58° to +140°F (-50° to +60°C)	-58° to +140°F (-50° to +60°C)	0°C - 35°C (32°F - 95°F)	14°F to 140°F (-10°C to +60°C)	-58°F to 140°F (-50°C to 60°C)	14°F to 140°F (-10°C to +60°C)	-58°F to 140°F (-50°C to 60°C)	
Dimensions W x H x D	Camera Head: 2.4 x 1.7in (61 x 44mm) Box: 3 x 1.5 x 1.5 in (77.5 x 39 x 37mm)	Vandal 5.85 x 2.91in (149 x 74mm) Non Vandal 5.85 x 2.36 in (149 x 60mm)	5.83 x 2.31in (148.1 x 58.7mm)	5.4in x 5.4in (138 x 138mm)	5.4in x 5.4in (138 x 138mm)	5.4in x 5.4in (138 x 138mm)	5.4in x 5.4in (138 x 138mm)	Std lens: 3.15 x 8.07in (79.9 x 205mm) Tele lens: 3.15 x 8.54in (79.9 x 217mm)	Std lens: 3.15 x 8.07in (79.9 x 205mm) Tele lens: 3.15 x 8.54in (79.9 x 217mm)	Std lens: 3.15 x 8.07in (79.9 x 205mm) Tele lens: 3.15 x 9.27in (79.9 x 235.5mm)	Std lens: 3.15 x 8.07in (79.9 x 205mm) Tele lens: 3.15 x 9.27in (79.9 x 235.5mm)	10.94 x 3.78in (278 x 96mm)	9.05 x 10.03in (230 x 255mm)	8.03 x 13.74in (204 x 349mm)	9.05 x 10.03in (230 x 255mm)	8.03 x 13.74in (204 x 349mm)	
NDA compliant	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Model Number	IPS02HFANWST2	ADCi825LT-F311 ADCi825LT-F312	IPS12-F27-OI02	IPS02-D12-OI03 IPS02-D17-OI03	IPS03-D12-OI03 IPS03-D17-OI03	IPS05-D12-OI03 IPS05-D14-OI03	IPS08-D13-OI03 IPS08-D14-OI03	IPS02-B12-OI03 IPS02-B15-OI03	IPS03-B12-OI03 IPS03-B15-OI03	IPS05-B12-OI03 IPS05-B16-OI03	IPS08-B13-OI03 IPS08-B16-OI03	IPT05-B29-BNDA3	IPS02-P07-RT04	IPS02-P24-OI04	IPS08-P25-RT04	IPS08-P25-OI04	

