



PELCO PRODUCT CATALOG

PELCO.COM

FELCO
a Motorola Solutions Company

At Pelco, a Motorola Solutions company, it's our mission to design intelligent video security solutions that improve the world around us. With our unparalleled commitment to service, support and innovation, we help our customers focus on what matters most – safer and more efficient operations.

With over 60 years of video security legacy from a US based company, Pelco solutions are fully compliant with the National Defense Authorization Act Fiscal Year 2019 Section 889 offering trust and reliability to many industries around the world including commercial, critical infrastructure and the US Government.

Put your business in focus and protect people, property and assets with confidence with Pelco's broad range of high-performing, IP video security solutions that seamlessly integrate with leading third-party video management software manufacturers enabling you to leverage existing video security investments and resources for cost-savings.

All Pelco products provide an intuitive user interface and robust capabilities that your challenging environment demands. Leverage our broad range of high quality, IP video security products and systems complemented with great customer support and service to meet your video surveillance needs consistently and with confidence.





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FIXED **IP CAMERAS**

Pelco's fixed IP cameras are designed to provide focused coverage where you need it. These feature-rich, high-performance cameras offer outstanding image quality in challenging lighting conditions, day or night, even in complete darkness, and actionable intelligence through embedded analytics for mission-critical applications.



SARIX VALUE

The Sarix Value Fixed IP Cameras deliver affordable security video in compact, versatile, easy-to-install configurations backed by Pelco's service and support and a 3-year warranty.



SPECIFICATIONS

	FIXED FOCAL TURRET	VARIFOVAL TURRET	VARIFOVAL BULLET	FIXED FOCAL MINI DOME	VARIFOVAL MINI DOME
Model Name	Environment / Indoor	Environment / Indoor	Environment / Indoor	Environment / Indoor	Environment / Indoor
Part Number	IFV222-1ERS IFV523-1ERS	ITV529-1ERS	IBV229-1ER IBV529-1ER	IJV223-1ERS IJV522-1ERS	IMV229-1ERS IMV529-1ERS
Resolution (MP)	2 MP / 5 MP	5 MP	2 MP / 5 MP	2 MP / 5 MP	2 MP / 5 MP
Image Sensor	1/2.9" Progressive CMOS (IFV222-1ERS); 1/2.7" Progressive CMOS (IFV523-1ERS)	1/2.7" Progressive CMOS	1/2.9" Progressive CMOS (IBV229-1ER); 1/2.7" Progressive CMOS (IBV529-1ER)	1/2.9" Progressive CMOS (IJV223-1ERS); 1/2.7" Progressive CMOS (IJV522-1ERS)	1/2.9" Progressive CMOS (IMV229-1ERS); 1/2.7" Progressive CMOS (IMV529-1ERS)
Max. Dynamic Range (dB) ¹	120 dB	120 dB	120 dB	120 dB	120 dB
Max. Image Rate	30 fps at 2MP 20FPS at 5MP	20 fps	30 fps at 2 MP 20 fps at 5 MP	30 fps at 2 MP 20 fps at 5 MP	30 fps at 2 MP 20 fps at 5 MP
Environmental	IP66	IP66	IP66	IK10 / IP66	IK10 / IP66
AUDIO, POWER & STORAGE					
Audio Compression Method	G.711, G.726	G.711, G.726	NA	NA	G.711, G.726
Audio Input/Output	One way audio: Bulit-in Microphone	One way audio: Bulit-in Microphone	One way audio: Bulit-in Microphone	One way audio: Bulit-in Microphone	One way audio: Bulit-in Microphone
PoE Power Source	PoE Class 2	PoE Class 3	PoE Class 3	PoE Class 2	PoE Class 3
Onboard Storage	MicroSD/SDHC/SDXC card	MicroSD/SDHC/SDXC card	MicroSD/SDHC/SDXC card	MicroSD/SDHC/SDXC card	MicroSD/SDHC/SDXC card

KEY FEATURES



Excellent low light performance



H.265 and H.264 encoding with Pelco Smart Compression



True Wide Dynamic Range



IP66 for environmental ruggedness. IK10 for vandal resistance on select models



Built-in IR illumination up to 30 M



ONVIF Profile S,G and T conformant

LEARN MORE



FIXED FOCAL
TURRET



VARIFOVAL
TURRET



VARIFOVAL
BULLET



FIXED FOCAL
MINI DOME



VARIFOVAL
MINI DOME

LENS OPTIONS

Part Number	Resolution (MP)	Lens Focal Length	Angle of View	Minimum Illumination (lux)
IFV222-1ERS	2 MP	2.8 mm	109° (Horizontal) ~ 59° (Vertical)	0.07 lux Color
IFV523-1ERS	5 MP	3.6 mm	76° (Horizontal) ~ 59° (Vertical)	0.2 lux Color
ITV529-1ERS	5 MP	3.4 - 9.4 mm	30° ~ 88° (Horizontal) 23° ~ 65° (Vertical)	0.2 lux color
IBV229-1ER	2 MP	3.4 - 9.4 mm	93° ~ 32° (Horizontal) 50° ~ 18° (Vertical)	0.07 lux Color
IBV529-1ER	5 MP	3.4 - 9.4 mm	30° ~ 88° (Horizontal) 23° ~ 65° (Vertical)	0.2 lux color
IJV223-1ERS	2 MP	3.6 mm	81° (Horizontal) ~ 44° (Vertical)	0.07 lux Color
IJV522-1ERS	5 MP	2.8 mm	103° (Horizontal) ~ 76° (Vertical)	0.2 lux color
IMV229-1ERS	2 MP	3.4 - 9.4 mm	93° ~ 32° (Horizontal) 50° ~ 18° (Vertical)	0.07 lux color
IMV529-1ERS	5 MP	3.4 - 9.4 mm	30° ~ 90° (Horizontal) 23° ~ 65° (Vertical)	0.2 lux color

SARIX VALUE ACCESSORIES



	FIXED FOCAL TURRET	VARIFOVAL TURRET	VARIFOVAL BULLET	FIXED FOCAL MINI DOME	VARIFOVAL MINI DOME
Model Name	Environment / Indoor	Environment / Indoor	Environment / Indoor	Environment / Indoor	Environment / Indoor
Part Number	IFV222-1ERS IFV523-1ERS	ITV529-1ERS	IBV229-1ER IBV529-1ER	IJV223-1ERS IJV522-1ERS	IMV229-1ERS IMV529-1ERS
SRXV-WMS (L-shaped wall bracket)	✓	✓		✓	✓
IJTV-AP (Electrical box adapter plate)		✓		✓	
IJTFV-PA (Pendant mounting adapter)	✓	✓		✓	
IMJTV-JB (Environmental conduit box)		✓		✓	✓
SRXV-WMP (Pendant wall mount)	✓	✓		✓	✓
IMV-WMJB (Wall mount junction box)	✓	✓		✓	✓
SRXV-PP (Pendant extension pipe)	✓	✓		✓	✓
SRXV-PCF (Pendant ceiling flange)	✓	✓		✓	✓
SRXV-CM (Corner mount)	✓	✓	✓	✓	✓
SRXV-PLM (Pole mount)	✓	✓	✓	✓	✓
IFBV-JB (Environmental conduit box)	✓		✓		
IMV-AP (Electrical box adapter plate)					✓
IMV-PA (Pendant mounting adapter)					✓
IBV-A4S (Electrical box adapter plate)			✓		

SARIX PROFESSIONAL 4 SERIES

The Sarix Pro 4 Series cameras provide sharp, high-quality video, making it ideal for various applications, including forensic investigations. The series satisfies security requirements for visibility in near-dark environments and durability in harsh conditions.



SPECIFICATIONS

	DOME		BULLET
Model Name	Indoor	Environmental	Environmental
Part Number	SRXP4-2V10-IMD SRXP4-2V10-IMD-IR SRXP4-3V10-IMD SRXP4-3V10-IMD-IR SRXP4-5V10-IMD SRXP4-5V10-IMD-IR	SRXP4-2V10-EMD SRXP4-2V10-EMD-IR SRXP4-3V10-EMD SRXP4-3V10-EMD-IR SRXP4-5V10-EMD SRXP4-5V10-EMD-IR	SRXP4-2V10-EBT-IR SRXP4-3V10-EBT-IR SRXP4-3V29-EBT-IR COMING SOON SRXP4-3V40-EBT-IR COMING SOON SRXP4-5V10-EBT-IR SRXP4-5V29-EBT-IR COMING SOON SRXP4-5V40-EBT-IR COMING SOON
Resolution (MP)	2 MP / 3 MP / 5 MP	2 MP / 3 MP / 5 MP	2 MP / 3 MP / 5 MP
Image Sensor	1/2.8" progressive scan CMOS	1/2.8" progressive scan CMOS	1/2.8" progressive scan CMOS
Max. Dynamic Range (dB) ¹	2 MP: 126 dB 3 MP: 130 dB 5 MP: 130 dB	2 MP: 126 dB 3 MP: 130 dB 5 MP: 130 dB	2 MP: 126 dB 3 MP: 130 dB 5 MP: 130 dB
Max. IR Illumination Distance	30m	40m	50m
Environmental	IK10	IK10, IP66/67, Type 4X	IK10, IP66/67, Type 4X
AUDIO, POWER & STORAGE			
Audio Compression Method	G.711 PCM 8 kHz, Opus	G.711 PCM 8 kHz, Opus	G.711 PCM 8 kHz, Opus
Audio Input/Output	Line level I/O	Line level I/O	Line level I/O
External I/O Terminals	Alarm In, Alarm Out	Alarm In, Alarm Out	Alarm In, Alarm Out
PoE Power Source	IEEE 802.3af Class 3 compliant, 12VDC Aux	IEEE 802.3af Class 3 compliant, 12VDC Aux	IEEE 802.3af Class 3 compliant, 12VDC Aux
Onboard Storage	microSD/microSDHC/microSDXC slot – video speed class card required. Class V10 or better recommended. 1 TB card tested.	microSD/microSDHC/microSDXC slot – video speed class card required. Class V10 or better recommended. 1 TB card tested.	microSD/microSDHC/microSDXC slot – video speed class card required. Class V10 or better recommended. 1 TB card tested.

KEY FEATURES



Pelco Smart Analytics, powered by Motorola Solutions



Adaptive IR illumination



Rated IK10 for vandal resistance



Modular design (dome models only)



FIPS-compliant cryptography support and integrated TPM



True Wide Dynamic Range



H.265 and H.264 encoding with Pelco Smart Compression



Rated IP66/67 and Type 4X for water and windblown dust resistance (environmental models only)



ONVIF Profile S, G, T and M conformant



5-year Warranty and Support

LEARN MORE



DOME



BULLET

SARIX PROFESSIONAL 4 SERIES LENSES

SPECIFICATIONS



DOME				BULLET		
Model Name		Indoor / Environmental			Environmental	
LENS OPTIONS						
DOME						
Model Number	Environmental	Resolution (MP)	Lens Focal Length	Horizontal Angle of View	Vertical Angle of View	Minimum Illumination (lux)
SRXP4-2V10-IMD	Indoor	2 MP	3.4 - 10.5 mm	101° - 31°	53° - 17°	With IR: 0 lux in monochrome mode
SRXP4-2V10-IMD-IR						
SRXP4-2V10-EMD	Outdoor					Without IR: 0.01 lux in color mode; 0.005 lux in monochrome mode
SRXP4-2V10-EMD-IR						
SRXP4-3V10-IMD	Indoor	3 MP	3.4 - 10.5 mm	95° - 28°	69° - 21°	With IR: 0 lux in monochrome mode
SRXP4-3V10-IMD-IR						
SRXP4-3V10-EMD	Outdoor					Without IR: 0.04 lux in color mode; 0.02 lux in monochrome mode
SRXP4-3V10-EMD-IR						
SRXP4-5V10-IMD	Indoor	5 MP	3.4 - 10.5 mm	95° - 28°	69° - 21°	With IR: 0 lux in monochrome mode
SRXP4-5V10-IMD-IR						
SRXP4-5V10-EMD	Outdoor					Without IR: 0.04 lux in color mode; 0.02 lux in monochrome mode
SRXP4-5V10-EMD-IR						
BULLET						
Model Number	Environmental	Resolution (MP)	Lens Focal Length	Horizontal Angle of View	Vertical Angle of View	Minimum Illumination (lux)
SRXP4-2V10-EBT-IR	Outdoor	2 MP	3.4 - 10.5 mm	101° - 31°	53° - 17°	With IR: 0 lux in monochrome mode
						Without IR: 0.01 lux in color mode; 0.005 lux in monochrome mode
3 MP		3.4 - 10.5 mm	95° - 28°	69° - 21°	With IR: 0 lux in monochrome mode	
3 MP		10.9 - 29 mm	28° - 10°	21° - 7°		
3 MP		4.8 - 40.8 mm	57° - 7°	44° - 5°		
SRXP4-5V10-EBT-IR		5 MP	3.4 - 10.5 mm	95° - 28°	69° - 21°	Without IR: 0.04 lux in color mode; 0.02 lux in monochrome mode
SRXP4-5V29-EBT-IR		5 MP	10.9 - 29 mm	28° - 10°	21° - 7°	
SRXP4-5V40-EBT-IR		5 MP	4.8 - 40.8 mm	57° - 7°	44° - 5°	

[CLICK HERE FOR MORE INFORMATION ON LENS OPTIONS](#)

SARIX PROFESSIONAL 4 SERIES ACCESSORIES

Sarix Pro 4 cameras offer a number of accessories to make installation easy. It also includes a microphone accessory for the indoor dome variant for you to obtain further evidentiary detail.



Model Name	DOME		BULLET
	Indoor	Environmental	Outdoor
Part Number	SRXP4-2V10-IMD SRXP4-2V10-IMD-IR SRXP4-3V10-IMD SRXP4-3V10-IMD-IR SRXP4-5V10-IMD SRXP4-5V10-IMD-IR	SRXP4-2V10-EMD SRXP4-2V10-EMD-IR SRXP4-3V10-EMD SRXP4-3V10-EMD-IR SRXP4-5V10-EMD SRXP4-5V10-EMD-IR	SRXP4-2V10-EBT-IR SRXP4-3V10-EBT-IR SRXP4-3V29-EBT-IR COMING SOON SRXP4-3V40-EBT-IR COMING SOON SRXP4-5V10-EBT-IR SRXP4-5V29-EBT-IR COMING SOON SRXP4-5V40-EBT-IR COMING SOON
WMVE-AW (Wall Mount Arm for 1.5" NPT Pendant)	✓	✓	
PA101-AW (Pole Mount Adapter for WMVE-AW)	✓	✓	
IMM-CM-AW (Corner Mount for WMVE-AW)	✓	✓	
SLSPCIL-1001 (In-ceiling mounting adapter)	✓		
SRXP4-PM-1E (Pendant NPT adapter)	✓	✓	
DCLPNL-1001 (Metal ceiling panel for suspended ceiling installations)	✓		
SRXP4-DMSLD (Weather shield)		✓	
ACMICR-1001 (Microphone)	✓		
SRXP4-LD-1E (Clear lower dome)		✓	
SRXP4-LD-0E (Smoked lower dome)		✓	
SRXP4-LD-1I (Clear lower dome)	✓		
SRXP4-LD-0I (Smoked lower dome)	✓		
CNCVR-1001 (Adapter 3/4 inch conduit, 5-pack)	✓	✓	
CAM-FIPS (Camera license to enable FIPS Level 1 cryptographic mode)	✓	✓	✓
CRNMT-1001 (Corner mount)			✓
PLMT-1001 (Pole mount)			✓

SARIX PROFESSIONAL 3 SERIES

Sarix Professional cameras pack the most popular features and functionality into an assortment of competitively priced indoor and outdoor cameras to maximize your video security options and protect your people, property, and bottom line.

SPECIFICATIONS



	DOME		BOX		BULLET		WEDGE	
Model Name	Indoor / Outdoor		Indoor		Outdoor		Outdoor	
Part Number	IMP531-1IRS	IMP331-1ERS						
	IMP131-1IRS	IMP331-1IS						
	IMP231-1ES	IMP331-1IRS			IBP131-1ER	IBP331-1ER	IWP133-1ERS	IWP236-1ERS
	IMP231-1ERS	IMP531-1ES	IXP13	IXP33	IBP231-1ER	IBP335-1ER	IWP233-1ERS	IWP333-1ERS
	IMP231-1IS	IMP531-1ERS	IXP23	IXP53	IBP232-1ER	IBP531-1ER	IWP232-1ERS	IWP533-1ERS
	IMP231-1IRS	IMP531-1IS			IBP235-1ER	IBP532-1ER	IWP234-1ERS	IWP532-1ERS
	IMP331-1ES	IMP531-1IRS						
Resolution (MP)	1 MP / 2 MP / 3 MP / 5 MP		1 MP / 2 MP / 3 MP / 5 MP		1 MP / 2 MP / 3 MP / 5 MP		1 MP / 2 MP / 3 MP / 5 MP	
Image Sensor	1/2.8-inch CMOS		1/2.8-inch CMOS		1/2.8-inch CMOS		1/2.8-inch CMOS	
Max. Dynamic Range (dB) ¹	120 dB		120 dB		120 dB		120 dB	
Max. IR Illumination Distance	50 m		NA		50/60/80 m depending on lens options		25 m	
Environmental	IP66, IP67, TYPE 4X IK10 on outdoor models		NA		IP66, IP67, TYPE 4X IK10		IP66, IP67, TYPE 4X IK10	
AUDIO, POWER & STORAGE								
Audio Compression Method	Bi-directional full duplex, G711-Alaw / G711-Ulaw		Bi-directional full duplex, G711-Alaw / G711-Ulaw		Bi-directional full duplex, G711-Alaw / G711-Ulaw		Bi-directional full duplex, G.711 A-law/G.711 U-law	
Audio Input/Output	Line in / Line out, Bi-directional full duplex, Built-in Mic on indoor models.		Line in / Line out		Line in / Line out		Line in / Line out	
External I/O Terminals	1 Input / 1 Output		1 Input / 1 Output		1 Input / 1 Output		NA	
PoE Power Source	PoE+, 18 ~ 32 VAC, 12 VDC +/-10%		PoE, 18 ~ 32 VAC, 12 +/-10% VDC		PoE+, 18 ~ 32 VAC, 12 VDC +/-10%		PoE	
Onboard Storage	Micro SD, SDHC, SDXC compatible; Up to 2 TB addressable (256 GB testable)		Micro SD, SDHC, SDXC compatible; Up to 2 TB addressable (256 GB testable)		Micro SD, SDHC, SDXC compatible; Up to 2 TB addressable (256 GB testable)		Micro SD, SDHC, SDXC compatible; Up to 2 TB addressable (256 GB testable)	

KEY FEATURES



Excellent Low Light performance, True Wide Dynamic Range



H.265 and H.264 encoding with Pelco Smart Compression



Pelco Professional Analytics Suite



IP66, IP67 for environmental ruggedness and IK10 for vandal resistance on outdoor models



Built-in IR illumination up to 80m



ONVIF Profile S, G and T conformant

LEARN MORE



DOME



BOX



BULLET



WEDGE

SARIX PROFESSIONAL 3 SERIES LENSES



SPECIFICATIONS

BULLET		WEDGE		
Model Name	Outdoor	Outdoor		
LENS OPTIONS				
BULLET				
Part Number	Resolution (MP)	Lens Focal Length	Angle of View	Minimum Illumination (lux)
IBP131	1 MP	2.8 ~ 12 mm nominal f/1.4	h: 72°~ 25°, v:53°~ 19°	0.0169 lux color / 0.01 lux mono
IBP231	2 MP	2.8 ~ 12 mm nominal	h: 101°~ 34° v:53°~ 19°	0.0169 lux color / 0.01 lux mono
IBP331	2 MP	9 - 22 mm f/1.5	h: 90°~ 31°v: 66°~ 24°	0.0195 lux color / 0.011 lux mono
IBP531	2 MP	5 ~ 50 mm f/1.6	h: 90°~ 31° v: 66°~ 24°	0.0234 lux color / 0.013 lux mono
IBP232	3 MP	2.8 ~ 12 mm nominal	h: 35°~ 15° v:20°~ 8°	0.065 lux color / 0.03 lux mono
IBP235	3 MP	5 ~ 50 mm f/1.6	h: 60°~ 7° v: 36°~ 4°	0.104 lux color / 0.05 lux mono
IBP335	5 MP	2.8 ~ 12 mm nominal f/1.4	h: 57°~ 7° v: 44°~ 5°	0.26 lux color / 0.15 lux mono
WEDGE				
Part Number	Resolution (MP)	Lens Focal Length	Horizontal Angle of View	Minimum Illumination (lux)
IWP133-1ERS	1 MP	2.8mm	112°	color 0.15 lux / mono 0.01 lux
IWP233-1ERS	2 MP	2.8mm	113°	color 0.15 lux / mono 0.01 lux
WP232-1ERS	2 MP	2.4mm	135°	color 0.15 lux / mono 0.01 lux
IWP234-1ERS	2 MP	4mm	87.6°	color 0.15 lux / mono 0.01 lux
IWP236-1ERS	2 MP	6 mm	54.4°	color 0.15 lux / mono 0.01 lux
IWP333-1ERS	3 MP	2.8 mm	99°	color 0.25 lux / mono 0.01 lux
IWP533-1ERS	5 MP	2.8 mm	104.4°	color 0.30 lux / mono 0.01 lux
WP532-1ERS	5 MP	2.4 mm	130°	color 0.30 lux / mono 0.01 lux

[CLICK HERE FOR MORE INFORMATION ON LENS OPTIONS](#)

SARIX PROFESSIONAL 3 SERIES ACCESSORIES



	DOME		BOX		BULLET		WEDGE	
Model Name	Indoor / Outdoor		Indoor		Outdoor		Outdoor	
Part Number	IMP131-1ERS IMP131-1IRS IMP231-1ES IMP231-1ERS IMP231-1IS IMP231-1IRS IMP331-1ES	IMP331-1ERS IMP331-1IS IMP331-1IRS IMP531-1ES IMP531-1ERS IMP531-1IS IMP531-1IRS	IXP13 IXP23	IXP33 IXP53	IBP131-1ER IBP231-1ER IBP232-1ER IBP235-1ER	IBP331-1ER IBP335-1ER IBP531-1ER IBP532-1ER	IWP133-1ERS IWP233-1ERS IWP232-1ERS IWP234-1ERS	IWP236-1ERS IWP333-1ERS IWP533-1ERS IWP532-1ERS
WMVE-SW (Wall mount arm, 1.5 in. NPT)	✓							
PA101 with WMVE-SW (Pole mount)	✓							
IMP3PMB-1I (Wall mount)	✓						✓	
IMP3ICM-1E (In-ceiling mount)	✓							
IMP3PM-1E (Pendant mount)	✓							
IMM-CM with WMVE-SW and IMP3PM-1E (Corner mount)	✓							
IMP3EBAP (4S Electrical box adapter)	✓							
IMP3LD-0E (Smoked environmental lower dome)	✓							
IMP3LD-0I (Smoked indoor lower dome)	✓							
IMP3LD-1E (Clear environmental lower dome)	✓							
IMP3LD-1I (Clear indoor lower dome)	✓							
C11-UM (Gang box mount)			✓					
CM1751 (Pedestal mount)			✓					
TB1751 (T-rail mount)			✓					
IBP3-PLMT (Pole mount)					✓		✓	
IBP3BBAP-ES (Environmental surface mount back box and adapter plate)					✓			
IBP3BBAP-EI (In-ceiling mount)					✓			
SM-IWPPLT-4167 (Electrical box adapter plate for the IWP wedge cameras)							✓	
IWPWPC (RJ45 waterproof connector kit)							✓	

SARIX ENHANCED

Designed for mission-critical applications that demand high performance and reliability in challenging conditions such as poor lighting, extreme weather, or fast-paced monitoring. Sarix Enhanced provides superior reliability, fault tolerance, and processing speed to ensure that key security information is captured.



SPECIFICATIONS

	BULLET	DOME		BOX
Model Name	Outdoor	Outdoor / Indoor		Indoor
Part Number	IBE238-1ER IBE539-1ER IBE332-1ER IBE839-1ER IBE338-1ER IBE832-1ER	IME238-1ERS IME338-1ERS IME332-1ERS IME539-1ERS IME839-1ERS IME832-1ERS	IME238-1IRS IME338-1IRS IME332-1IRS IME539-1IRS IME839-1IRS IME832-1IRS	IXE23 IXE53 IXE33 IXE83
Resolution (MP)	2 MP / 3 MP / 5 MP / 4K	2 MP / 3 MP / 5 MP / 4K		2 MP / 3 MP / 5 MP / 4K
Image Sensor	1/2.8-inch (2 MP and 3 MP) or 1/1.8-inch (5 MP and 4K)	1/2.8-inch (3 MP and 3 MP) or 1/1.8-inch (5 MP and 4K)		1/2.8-inch (3 MP and 3 MP) or 1/1.8-inch (5 MP and 4K)
Max. Dynamic Range (dB) ¹	Up to 130 dB at 2 MP and 3 MP Up to 120 dB at 5 MP and 4K	Up to 130 dB at 2 MP and 3 MP Up to 120 dB at 5 MP and 4K		Up to 130 dB at 2 MP and 3 MP 120 dB at 5 MP and 4K
Max. IR Illumination Distance	50 m (164 ft)	50 m (164 ft)		NA
Environmental	IP66, IP67, IP68, IP69K, IK10 (20J), Type 4X, NEMA TS-2 para 2.2.7 - 2.2.9	IP66, IP67, IP68, IP69K, Type 4X (Outdoor models only) IK10+(50J)		NA

AUDIO, POWER & STORAGE

Audio Compression Method

G.711-ALaw/ULaw

Audio Input/Output

Line in / Line out on Domes, Bullets, Boxes. Mic on indoor domes.

External I/O Terminals

1 input, 1 output

Power Source

PoE/PoE+; 12 VDC , 24 VAC on Dome, Bullet & Box

Onboard Storage

Micro SD, SDHC, SDXC compatible; Up to 2 TB addressable (256 GB tested)

KEY FEATURES

Outstanding low light performance

Built-in IR illumination up to 50 m

True Wide Dynamic Range up to 130 dB

ONVIF Profile S, G, T and M conformant

Advanced learning analytics

Industry leading ruggedness. Domes are IK10+ (50J). Outdoor models are IP66,67,68,69K

LEARN MORE

BULLET

DOME

BOX

LENS OPTIONS (BULLET & DOME)			
Resolution (MP)	Lens Focal Length	Horizontal Angle of View	Minimum Illumination (lux)
2 MP	2.8-8 mm f/1.3	115.7° ~ 41.3°	0.0125 lux color 0.0025 lux mono
3 MP	2.8-8 mm f/1.3	106° ~ 38.2°	0.05 lux color 0.010 lux mono
3 MP	8-20 mm f/1.5	36.5° ~ 15°	0.08 lux color 0.015 lux mono
5 MP	4-9 mm f/1.5	116.9° ~ 50.8°	0.10 lux color 0.05 mono
8 MP (4K)	4-9 mm f/1.5	116.9° ~ 50.8°	0.10 lux color 0.05 mono
8 MP (4K)	9-20 mm f/1.6	50.1° ~ 22.3°	0.12 lux color 0.06 lux mono

CATALOG | FIXED CAMERAS

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SARIX ENHANCED ACCESSORIES



Model Name	BULLET		DOME		BOX	
	Outdoor		Outdoor / Indoor		Indoor	
Part Number	IBE238-1ER	IBE539-1ER	IME238-1ERS	IME238-1IRS	IXE23	IXE53
	IBE332-1ER	IBE839-1ER	IME338-1ERS	IME338-1IRS	IXE33	IXE83
	IBE338-1ER	IBE832-1ER	IME332-1ERS	IME332-1IRS		
			IME539-1ERS	IME539-1IRS		
			IME839-1ERS	IME839-1IRS		
			IME832-1ERS	IME832-1IRS		
PA101 with WMVE-SW & IME3PM-E (Pole mount)				✓		
IME3ICM-E (In-ceiling mount, RAL 9003)				✓		
IME3PM-E (Pendant mount, RAL 9003)				✓		
IMM-CM with WMVE-SW & IME3PM-E (Corner mount)				✓		
IME3EBAP-E (Electrical box adapter)				✓		
WMVE-SW (Wall mount, 1.5 in. NPT, RAL 9003)				✓		
IWM-SW (Wall mount with cable feedthrough, RAL9003)				✓		
IWM24-SW (Wall mount with cable feedthrough, includes integral 24 VAC, 100 VA transformer, RAL9003)				✓		
PP350/PP351 (Parapet wall/roof mount, RAL9002)				✓		
PP450/PP451 (Parapet wall/roof mount, RAL9002)				✓		
IME3LD-0E (Smoked lower dome - environmental)				✓		
IME3LD-1E (Clear lower dome - environmental)				✓		
IME3LD-0 (Smoked lower dome - indoor)				✓		
IME3LD-1 (Clear lower dome - indoor)				✓		
IBEPLMT-E (OUNTS IBEPLMT-E Environmental pole mount)		✓				
IBEWLMT-E (Environmental wall mount)		✓				
IBEWLMT- (Indoor wall mount)		✓				
C10-UM (Universal camera mount)						✓

SARIX CORNER

The Sarix Corner Camera 3 Series is designed for use in vandal-prone, high-risk areas. It features an anti-ligature, no-grip design without anchor points, and fits flush to corners protecting against attempts to detach or disable the camera.



SPECIFICATIONS

CORNER CAMERA

Model Name	Indoor / Outdoor	
Part Number	IBD332-1 IBD332-1SS	IBD532-1 IBD532-1SS

Resolution (MP)	3 MP / 5 MP	
Image Sensor	1/2.8-inch CMOS	
Max. Dynamic Range (dB) ¹	126 dB	
Max. IR Illumination Distance	15M 940 nM Non-visible IR	
Environmental	IP66, IP67, TYPE 4X, IK10+ (50 JOULES)	

AUDIO, POWER & STORAGE

Audio Compression Method	G.711 U-law	
Audio Input/Output	Line In/ Line Out and built-in microphone	
External I/O Terminals	1 Input, 1 Output	
Power Source	PoE (IEEE 802.3af, Class 3); 24 VAC± 10%, 12 VDC± 10%	
Onboard Storage	Up to 512 GB on Micro SDHC or Micro SDXC card slot	

KEY FEATURES



ONVIF S, G and T conformant



H.265 and H.264 encoding with Pelco Smart Compression



Wall to wall and floor to ceiling coverage



Non-visible IR illumination



IP66, IP67 washable with a hose



Smart Analytics, powered by Motorola Solutions with AI technology

LENS OPTIONS

Resolution (MP)	Lens Focal Length	Field of View	Minimum Illumination (lux)
3 MP	2.3 mm	Horizontal: 135 degrees Vertical: 95 degrees	0.027 lux color .014 in lux mono 0.00 lux mono with IR
5 MP	2.3 mm		

LEARN MORE



DATASHEET

SARIX MODULAR

The Sarix Modular camera is the most discreet video security solution available across the Pelco Fixed IP camera portfolio, offering two imager module options to capture scenes and people of interest.



SPECIFICATIONS

	MAIN UNIT	MICRO BULLET	RIGHT ANGLE PINHOLE	CABLES
Model Name	Indoor	Indoor / Outdoor	Indoor	Indoor / Outdoor
Part Number	IDL0-PU2	IDL302-FXI IDL502-FXI	IDL303-PHI	CBL2M-1001 CBL5M-1001
Resolution (MP)	N/A	3 MP / 5 MP	3 MP	N/A
Image Sensor	N/A	1/2.7" Progressive Scan	1/2.7" Progressive Scan	N/A
Max. Dynamic Range (dB) ¹	Up to 120 dB	Up to 120 dB	Up to 120 dB	N/A
Environmental	N/A	IP66	N/A	N/A
AUDIO, POWER & STORAGE				
Image Compression Method	H.264 Pelco Smart Compression, H.265 Pelco Smart Compression, Motion JPEG			
Audio Input/Output	Line level input and output			
External I/O Terminals	1 Input, 1 Output			
Power Source	PoE: IEEE 802.3af Class 3 compliant, VDC: 12 V +/-10%, 11.5 W min			
Onboard Storage	2 x microSD/microSDHC/microSDXC slots – video speed class card required. Class V10 or better recommended. One of the two SD card slots is available for onboard storage.			

KEY FEATURES



Customizable design with removable imager heads



Low profile and easy to install



Smart Analytics, powered by Motorola Solutions with AI technology



Audio and digital I/O terminal



H.265 and H.264 encoding with Pelco Smart Compression



ONVIF S, G, T, and M conformant

LENS OPTIONS

	Micro Bullet	Right Angle
Lens	3 MP: 2.8 mm 5 MP: 2.8 mm	3 MP: 3.7 mm
Angle of View	110° (H) 80° (V)	92° (H) 53° (V)

LEARN MORE



DATASHEET



PTZ IP CAMERAS

PTZ (pan-tilt-zoom) cameras make it possible to monitor large areas with a single camera, offering both wide and close-in views for the details required. They are designed for both indoor and outdoor applications to work in all lighting and weather conditions.



SPECTRA PROFESSIONAL 2 SERIES

Cost effective high definition IP dome positioning system covering your everyday security needs. Ideal for broad coverage, Spectra Pro PTZ dome offers 360 degrees automated coverage with a wide angle and can zoom in for greater detail.



SPECIFICATIONS

Model Name	Indoor in-ceiling	Indoor / Outdoor pendant
Part Number	P2230L-FW0 P2230L-FW1	P2230L-EW0 P2230L-EW1
Resolution (MP)	2 MP	2 MP
Image Sensor	1/2.8-inch CMOS Sensor	1/2.8-inch CMOS Sensor
Optical Zoom	30x	30x
Pan	Up to 400° per second	Up to 400° per second
Tilt	Up to 200° per second	Up to 200° per second
Max. Dynamic Range (dB)	Up to 120 dB Max; 100 dB per IEC 62676-5	Up to 120 dB Max; 100 dB per IEC 62676-5
Max. Image Rate	60 fps	60 fps
Environmental	IK10	IK10, IP66 and IP67, Type 4X
AUDIO, POWER & STORAGE		
Audio Compression Method	Bidirectional, full duplex - G711-Alaw / G711-Ulaw	
Audio Input/Output	Line level / external microphone input; 1Vp-p maximum signal level	
External I/O Terminals	4 Input and 1 Output	
External Power Source	24 VAC or 48 VDC	
PoE Power Source	802.3bt (Environmental) 802.3at (Indoor)	
Onboard Storage	Up to 2 TB Edge Storage with 1x micro SDHC/SDXC Card	

KEY FEATURES



Low light capabilities and Wide Dynamic Range (WDR) up to 120 dB and 0.1 lux for capturing excellent image quality



ONVIF S, G, and T conformant



Pelco Professional Analytics Suite



Electronic Image Stabilizer (EIS)



H.265 and H.264 encoding with Pelco Smart Compression



3-Year warranty and support



IK10 vandal resistant

LENS OPTIONS (REMOTE ZOOM AND FOCUS)

Resolution (MP)	Lens Focal Length	Horizontal Angle of View	Vertical Angle of View	Minimum Illumination (color / monochrome)
2 MP	4.3 mm to 129 mm, F/1.6 – F/4.7, autofocus	59.8° (wide) ~ 2.34° (tele)	40.5° (wide) ~ 1.48° (tele)	0.1 lux in color mode, 0.05 lux in monochrome

LEARN MORE



DATASHEET

SPECTRA PROFESSIONAL IR SERIES

Rugged outdoor cameras that illuminate areas of interest above the horizon in poorly lit situations.



SPECIFICATIONS

PRO IR	
Model Name	Outdoor
Part Number	P2230L-ESR
Resolution (MP)	2 MP
Image Sensor	1/2.8-inch CMOS Sensor
Optical Zoom	30X
Pan	Up to 300° per second
Tilt	Up to 145° per second
Max. Dynamic Range (dB) ¹	Up to 120 dB Max; 100 dB per IEC62676
Max. Image Rate	60ips
Environmental	IK10, IP66 and Type 4x
AUDIO, POWER & STORAGE	
Audio Compression Method	Bidirectional, full duplex - G711-Alaw / G711-Ulaw
Audio Input/Output	Line level/external microphone input; 1Vp-p maximum signal level
External I/O Terminals	2 Input, 2 Output
External Power Source	24VAC and 48 VDC
PoE Power Source	802.3bt (56 V)
Onboard Storage	2 TB Edge Storage with 1x micro SDHC/SDXC Card

LENS OPTIONS (REMOTE ZOOM AND FOCUS)

Resolution (MP)	Lens Focal Length	Horizontal Angle of View	Vertical Angle of View	Minimum Illumination (color / monochrome)
2 MP	4.3 mm to 129 mm, F/1.6 – F/4.7, autofocus	59.8° (wide) ~ 2.34° (tele)	40.5° (wide) ~ 1.48° (tele)	0.1 lux in color mode, 0.05 lux in monochrome

KEY FEATURES



1080p 30X optical zoom camera that runs at up to 60 frames per second Low light capabilities and Wide Dynamic Range (WDR) up to 120 dB and 0.1 lux for capturing excellent image quality



850 nm IR illumination to 150 m



Tilt range +15° to -90° degrees



Pelco basic analytics: Sabotage and simple motion detection



3-Year warranty and support



H.265 and H.264 encoding



Pelco Smart Compression Technology



Electronic Image Stabilization (EIS)



ONVIF Profile S, G, T and Q conformant

LEARN MORE



DATASHEET

SPECTRA ENHANCED 7 SERIES

Quickly, accurately, and reliably extract actionable security information with Spectra Enhanced 7 series IP PTZ domes providing top tier image quality with up to 4K with 30x optical zoom for broad fields of view.



SPECIFICATIONS

2 MP 30X				4 K 20X		
Model Name	Indoor	Outdoor		Indoor	Outdoor	
Part Number	S7230L-FW0	S7230L-YB0	S7230L-EW1	S7818L-FW0	S7818L-YB0	S7818L-EW1
	S7230L-FW1	S7230L-YB1	S7230L-EB0	S7818L-FW1	S7818L-YB1	S7818L-EB0
		S7230L-EW0	S7230L-EB1		S7818L-EW0	S7818L-EB1
Resolution (MP)	2 MP			4K (3840 X 2160)		
Image Sensor	Progressive, 1/2.8-inch Type Exmor CMOS Sensor			Progressive, 1/1.8-inch CMOS Sensor		
Optical Zoom	30X			20X		
Pan	Up to 700° per second			Up to 700° per second		
Tilt	Up to 500° per second			Up to 500° per second		
Max. Dynamic Range (dB)1	Up to 130 dB maximum; 120 dB per IEC 62676-5			Up to 130 dB maximum; 120 dB per IEC 62676-5		
Max. Image Rate	60ips			60ips		
Environmental	Aluminum Construction, IK10, Polycarbonate Bubble	Aluminum Construction, IK10, Polycarbonate Bubble IP66 and IP67, Type 4X		Aluminum Construction, IK10, Polycarbonate Bubble	Aluminum Construction, IK10, Polycarbonate Bubble IP66 and IP67, Type 4X	
AUDIO, POWER & STORAGE						
Audio Compression Method	Bidirectional, full duplex - G711-Alaw / G711-Ulaw					
Audio Input/Output	Input: Line level; 3-kohm differential impedance, 1Vp-p maximum signal level , Output: Line level; 600-ohm differential impedance, 1Vp-p					
External I/O Terminals	4 Input, 2 Output					
External Power Source	24 VAC or 48 VDC					
PoE Power Source	802.3at indoor models or temperatures above -10°C, 802.3bt outdoor models for temperatures below 10°C					
Onboard Storage	SD card slot with support for SDXC cards					
SFP Port	1x					
LENS OPTIONS (REMOTE ZOOM AND FOCUS)						
Lens Focal Length	f/1.6 ~ f/4.7, focal length 4.5 mm (wide) ~ 135 mm (tele), autofocus			f/1.5 ~ f/3.4, focal length 6.36 mm (wide) ~ 138.5 mm (tele), autofocus		
Horizontal Angle of View	59.8° (wide) ~ 2.34° (tele), autofocus			57.9° (wide) - 3.°(tele), autofocus		
Vertical Angle of View	40.5° ~ 1.48°			44.4° (wide) ~ 2.24°(tele), autofocus		
Minimum Illumination (color / monochrome)	0.02 lux color mode, 0.013 lux monochrome			0.10 lux color mode, 0.066 lux monochrome		

KEY FEATURES



SureVision Technology, including: True Wide Dynamic Range, Anti-Bloom Technology, Noise Filtering, Enhanced Tone Mapping



Up to 4K and up to 60 Images per Second (ips)



Built-in Pelco advanced analytics suite



Three automatic defog options



Compatible with Pelco and third-party video systems



Pelco Enhanced Analytics including: Abandoned Object, Adaptive Motion Detection, AutoTracker, Camera Sabotage, Directional Motion, Loitering Detection, Object Counting, Object Removal, and Stopped Vehicle



Robust Image Stabilization (EIS) with Gyro



H.264 and H.265 Pelco Smart Compression Technology



Vandal Resistant IK10 Housing and Smoked or Clear Bubble



ONVIF Profile S, G, T and M conformant

LEARN MORE



1080P 30X



4K 20X

SPECTRA ENHANCED IR LOOK UP 7 SERIES

Provides wide area coverage, high-speed tracking, and long-range details in unilluminated areas with 30 degrees look up above the horizon and automated IR illumination.



SPECIFICATIONS

	2 MP 30X	2 MP 40X	4K 20X
Model Name	Outdoor	Outdoor	Outdoor
Part Number	S7230L-PW	S7240L-PW	S7820L-PW
Resolution (MP)	2 MP	2 MP	4K
Image Sensor	Progressive 1/2.8-inch type Exmor CMOS sensor	Progressive 1/2.8-inch type Exmor CMOS sensor	Progressive 1/1.8-inch CMOS sensor
Max. Dynamic Range (dB)	130 dB maximum; 120 dB per IEC62676		
Max. IR Illumination Distance	200 M		
Environmental	IK10 Housing, IK67 Rating, NEMA 4X Enclosure		
AUDIO, POWER & STORAGE			
Audio Compression Method	G.711 U-law		
Audio Input/Output	Input: Line level; 3-kohm differential impedance, 1Vp-p maximum signal level, Output: Line level; 600-ohm differential impedance, 1Vp-p		
External I/O Terminals	4 Input, 2 Output		
External Power Source	24 VAC or 48 VDC		
PoE Power Source	802.3bt		
Onboard Storage	SD card slot with support for Micro SD, SDHC or SDXC cards, up to 2 TB		
SFP Port	1x		

LENS OPTIONS (REMOTE ZOOM AND FOCUS)

	2 MP 30X	2 MP 40X	4K 20X
Lens	f/1.6 ~ f/4.4, focal length 4.5 mm (wide) ~ 135.0 mm (tele)	f/2 ~ f/5, focal length 7 mm (wide) ~ 280 mm (tele)	f/1.5 ~ f/3.4, focal length 6.36 mm (wide) ~ 127.2 mm (tele)
Horizontal Angle of View	62° wide - 2.3° tele	41.54° wide - 1.16° tele	59.8° - 3.19° tele
Vertical Angle of View	34.8 ~ 1.29	23 ~ 0.65	32.5 ~ 1.74
Minimum Illumination (color /monochrome)	0.035 lux in color mode, 0.0195 lux in monochrome mode	0.1 lux in color mode, 0.06 lux in monochrome mode	0.1 lux in color mode, 0.066 lux in monochrome mode

KEY FEATURES



Laser focus assist



Optical Image Stabilization¹



Built-In Pelco Advanced Analytics, also with Enhanced Analytics



Lookup tilt range +30° to see above the horizon



Compatible with Pelco and third-party video systems



Pelco camera link



Direct drive



Wide Dynamic Range and SureVision Technology



Integrated Varizoom IR 200m



Pelco H.264 and H.265 Smart Compression Technology



ONVIF Profile S, G, T and M conformant



5-year warranty and support

LEARN MORE



DATASHEET

¹Available on the 2MP 40X model only.

ESPRIT ENHANCED SERIES

Long range detection in difficult lighting conditions, the Esprit Enhanced line provides the total package of impressive image quality, valuable software features, and time-tested pan/tilt performance.



SPECIFICATIONS

	NON IR		200M IR		IR + WHITE LIGHT	
Model Name	Outdoor		Outdoor		Outdoor	
Power Options	HPOE, 24 VAC, 48 VDC	100 TO 240 VAC	48 VDC	100 to 240 VAC	48 VDC	100 TO 240 VAC
Standard	ES6230-02	ES6230-05				
With Wiper	ES6230-12	ES6230-15	ES6230-12-R2	ES6230-15-R2	ES6230-12-RW	ES6230-15-RW
Pressurized and Wiper	ES6230-12P	ES6230-15P	ES6230-12P-R2	ES6230-15P-R2	ES6230-12P-RW	ES6230-15P-RW
Resolution (MP)	2 MP					
Image Sensor	1/2.8-inch Type Exmor CMOS Sensor					
Optical Zoom	30X					
Pan	360° continuous pan rotation, up to 140°/second					
Tilt	Unobstructed +40° to -90° up to 140°/second					
Max. Dynamic Range (dB)	130 dB					
Max. Image Rate	60 fps					
Environmental	Aluminum construction, IK10 rated housing – Type 4X, IP66					
AUDIO, POWER & STORAGE						
Audio Compression Method	Opus, G.711					
Audio Input/Output	Input: Line level; 3-kohm differential impedance, 1Vp-p maximum signal level, Output: Line level; 600-ohm differential impedance, 1Vp-p					
External I/O Terminals	2 Alarm In, 2 Alarm Out					
Onboard Storage	2 × microSD/microSDHC/microSDXC slot – video speed class required. Class V10 or better recommended					
SFP Port	2x					

LENS OPTIONS (REMOTE ZOOM AND FOCUS)

Resolution (MP)	Lens Focal Length	Horizontal Angle of View	Vertical Angle of View	Minimum Illumination (color / monochrome)
2 MP	f/1.6 ~ f/4.7, focal length 4.3 mm (wide) ~ 129.0 mm (tele)	63.7°(wide) - 2.3° (tele)	38.5°(wide) ~ 1.3° (tele)	0.03 lux in color mode, 0.004 lux in monochrome

KEY FEATURES



Surevision 3.0 Technology, including: True Wide Dynamic Range, Advanced Low Light, Anti-Bloom Technology, 3D Noise Filtering, Enhanced Tone Mapping



ONVIF Profile S and G conformance



Vari-zoom IR Illuminator option with 200-meter range



Vivid mode can be turned on/off Electronic Image Stabilization (EIS)



Built-in analytics including Auto-tracking, Adaptive Motion Detection, Abandoned Object and more



Dual mode illumination option with IR and white light LED banks



Defog mode provides three levels of fog removal within the image



Pan/tilt and enclosure with Integrated Optics Package (IOP) or Pressurized Integrated Optics Cartridge (IOC)

LEARN MORE



DATASHEET

ESPRIT COMPACT

A hardened, mission-critical pan-tilt-zoom (PTZ) camera that can withstand the most extreme environmental factors, the Esprit Compact is built to withstand most outdoor environments while maintaining continuous clear, high-resolution live and recorded video, with up to 8 MP and 40x zoom.



SPECIFICATIONS

IR AND WHITE LIGHT OPTIONS			
Model Name	Outdoor	Outdoor	Outdoor
Power Options	24 VDC, 24 VAC 50/60 Hz or 57 VDC PoE++, 71 W max	24 VDC, 24 VAC 50/60 Hz or 57 VDC PoE++, 71 W max	24 VDC, 24 VAC 50/60 Hz or 57 VDC PoE++, 71 W max
Standard	ESCE1-2X40-RLU	ESCE1-4X36-RLU	ESCE1-8X36-RLU
Resolution (MP)	2 MP	4 MP	8 MP
Image Sensor	1/2.8" progressive scan CMOS	1/2.5" Type "Exmor R" CMOS sensor	1/2.5" TYPE "EXMOR R" CMOS SENSOR
Optical Zoom	Up to 40x	Up to 36x ¹	Up to 36x ¹
Pan	360°, endless, up to 250°/second	360°, endless, up to 250°/second	360°, endless, up to 250°/second
Tilt	Upright: -90° to +90°; Inverted: -40° to +90° Up to 250°/second		
Horizontal Angle of View	2 MP	130 dB	2 MP
Vertical Angle of View	2 MP	130 dB	2 MP
Lens Focal Length	4.25 to 170 mm, F/1.6 – F/4.95, autofocus	4.4 to 88 mm, F/2.0 - F/3.8, autofocus	4.4 to 88 mm, F/2.0 - F/3.8, autofocus
Minimum Illumination (color / monochrome)	0.03 lux (F/1.6) in color mode; 0.02 lux	0.3 lux (F/2.0) in color mode; 0.09 lux (F/2.0) in monochrome	0.3 lux (F/2.0) in color mode; 0.09 lux (F/2.0) in monochrome
Max. Dynamic Range (dB) ¹	(F/1.6) in monochrome	100 dB	100 dB
Max. Image Rate	60 fps	30 fps	30 fps
Environmental	Aluminum construction, IK10 rated housing – NEMA Type 4X and 6P, IP 66/67		

AUDIO, POWER & STORAGE

External I/O Terminals	2 Alarm In, 2 Alarm Out
Onboard Storage	MicroSD/microSDHC/microSDXC slot – video speed class card required. Class V10 or better recommended

¹ Up to 36x zoom is achieved with Image Stabilization off. Image Stabilization set to on will provide 30x zoom.

KEY FEATURES



Improved detection and classification with Smart Analytics, powered by Motorola Solutions



Extreme shock and vibration tolerance



Wind resistance up to 230 kph



Operating temperatures ranging from -40 °C to +65 °C (-40 °F to +149 °F)



Reduce installation times with accessory options such as power supplies and mounting brackets



ONVIF Profile S, G, T and M conformant



Wide Dynamic Range captures high-quality image details in scenes with dark and light backgrounds



5-year industry-leading warranty with service and support

LEARN MORE



DATASHEET



PANORAMIC IP CAMERAS

Pelco's panoramic IP cameras provide coverage of a wide, horizontal area to detect the activity of people, vehicles. Our multi-sensor and single-sensor panoramic fisheye cameras give you total situational awareness, as if you were immersed in the scene. Because of the wide area coverage, a single panoramic IP camera can be an attractive alternative to purchasing and placing multiple cameras.



SARIX MULTI ENHANCED

The Sarix Multi Enhanced delivers 180, 270 or 360-degree coverage from a single vantage point, offering exceptional situational awareness of wide areas using fewer cameras. This analytics-enabled camera reduces blind spots and provides high-quality, panoramic views in the most difficult lighting conditions.



SPECIFICATIONS

	IN-CEILING	SURFACE MOUNT		PENDANT POLE OR WALL MOUNT
Model Name	Indoor	Indoor / Outdoor		Indoor / Outdoor
Part Number		SMLE1-9V5-3H SMLE1-12V5-4H SMLE1-15V5-3H	SMLE1-20V5-4H SMLE1-24V5-3H SMLE1-32V5-4H	
Accessory Part Number	IMD1-INC required with IMD1-INCLD0 or IMD1-INCLD1	IMD1-SMT required with IMD1-SPLD0 or IMD1-SPLD1		IMD1-PMT required with IMD1-SPLD0 or IMD1-SPLD1
Resolution (MP)	3 MP / 5 MP / 8 MP per image sensor			
Image Sensor	1/2.8" CMOS			
Max. Dynamic Range (dB) ¹	120 dB, true WDR, dual exposure			
Max IR Illumination Distance (optional)	30 m (98 ft) maximum distance at 0 lux when camera is mounted at 4 m (13 ft) off the ground			
Environmental	N/A	IK10, IP66/67, NEMA 4X, NEMA TS2		IK10, IP66/67, NEMA 4X, NEMA TS2
AUDIO, POWER & STORAGE				
Audio Compression Method	G.711 PCM 8 kHz, Opus			
Audio Input/Output	Line level input and output			
External I/O Terminals	Alarm In, Alarm Out			
Power Source	30 W IEEE 802.3at Type 2 (PoE+)	With IR: 60 W (PoE++): IEEE 802.3bt Type 3, Cisco® UPoE or legacy high-power PoE With 35% IR Power: 30 W IEEE 802.3at Type 2 (PoE+) Without IR: 30 W IEEE 802.3at Type 2 (PoE+)		
Onboard Storage	Dual MicroSD/microSDHC/microSDXC slot			

KEY FEATURES

- Pelco Smart Analytics, powered by Motorola Solutions
- ONVIF Profile S, G, T and M conformant
- Wide Dynamic Range
- IK10, IP66/67 and NEMA 4X Environmental Rating
- SureVision technology and optional IR illumination
- FIPS-compliant cryptography support, integrated TPM and Secure Boot
- H.265 and H.264 encoding with Pelco Smart Compression
- 5-year warranty

LEARN MORE



DATASHEET

LENS OPTIONS

	3 MP	5 MP	4K
Focal length	3.3 - 5.7 mm		
Lens and Horizontal Field of View Based on Aspect Ratio	53° - 97° (16:9) 53° - 99° (4:3)	53° - 97° (16:9) 53° - 99° (4:3)	58° - 106° (16:9) 43° - 74° (4:3)
Lens and Vertical Field of View Based on Aspect Ratio	29° - 50° (16:9) 39° - 69° (4:3)	29° - 50° (16:9) 39° - 69° (4:3)	32° - 55° (16:9) 32° - 55° (4:3)
Aperture Range	F1.5 - F1.9		
Control	Fixed Iris, Remote Focus and Zoom		

SARIX MULTI ENHANCED ACCESSORIES

The Sarix Multi Enhanced features a modular design, enabling any camera module to be paired with any mounting adapter for maximum versatility and optimal installation. Each camera module must be ordered with a matching mounting adapter and dome cover.



Model Name	IN-CEILING	SURFACE MOUNT	PENDANT MOUNT OR WALL MOUNT
	Indoor	Indoor / Outdoor	Indoor / Outdoor
IMD1-SMT (Outdoor surface mount adapter)		✓	
IMD1-PMT (Outdoor pendant mount adapter)			✓
IMD1-INC (In-ceiling adapter)	✓		
IMD1-SPLD0 (Lower dome, smoked)		✓	✓
IMD1-SPLD1 (Lower dome, clear)		✓	✓
IMD1-INCLD0 (Lower dome, smoked)	✓		
IMD1-INCLD1 (Lower dome, clear)	✓		
WLMT-1001 (Pendant wall arm adapter for use with IMD1-PMT)			✓
NPTA-1001 (Pendant NPT adapter for use with IMD1-PMT)			✓
PLMT-1001 (Aluminum pole mount for use with WLMT-1001)			✓
CRNMT-1001 (Aluminum corner mount for use with WLMT-1001)			✓
CLPNL-1001 (Metal ceiling panel)	✓		
IMD1-IR (Optional IR illuminator)		✓	✓

OPTIONAL ACCESSORIES

Part Number	Description
IMD1-IR	Optional IR illuminator ring for use with IMD1-SPLD1
PD-9001GR/AT/AC-*-MSI	Indoor single port PoE+ 30W injector; Injector operational temperature range -20 °C to +40 °C (-4 °F to 104 °F)
POE60U-1BTE	Gigabit 802.3bt 60 W PoE Injector, single port
USB-AC56-NA-MSI / USB-AC56-EU-MSI	USB Wi-Fi adapter
CBLKT-1001	Cable kit replacement for Multi Head cameras

SARIX MULTI PRO

Providing multi-directional coverage and flexible mounting options, the Sarix Multi Pro Camera series allows you to achieve total coverage across 180, 270 or 360-degrees fields of view from a single vantage point. With resolutions of up to 32 MP, this camera series features SureVision technology that delivers great low light and True Wide Dynamic Range performance, giving security operators the ability to look in multiple directions across large spaces with great clarity.



SPECIFICATIONS

	IN-CEILING	SURFACE MOUNT			PENDANT MOUNT OR WALL MOUNT	
Model Name	Indoor	Indoor / Outdoor			Indoor / Outdoor	
Part Number		IMD9118 IMD9127 IMD12136	IMD15118 IMD15127 IMD20136	IMD24118 IMD24127 IMD32136		
Accessory Part Number	IMD1-INC IMD1-INCLD1 OR IMD1-INCLD0	IMD1-SMT IMD1-SPLD0 OR IMD1-SPLD1			IMD1-PMT IMD1-SPLD0 OR IMD1-SPLD1	
Resolution (MP)	3 MP / 5 MP / 8 MP per image sensor					
Image Sensor	3MP and 5MP: 1/2.8" progressive scan CMOS, 4K: 1/2.5" progressive scan CMOS					
Max. Dynamic Range (dB) ¹	100 dB, true WDR, dual exposure					
Max IR Illumination on Distance (Optional)	30 m (98 ft) maximum distance at 0 lux when camera is mounted at 4 m (13 ft) off the ground					
Environmental	N/A	IK10, IP66/67, NEMA 4X, NEMA TS2			IK10, IP66/67, NEMA 4X, NEMA TS2	
AUDIO, POWER & STORAGE						
Audio Compression Method	G.711 PCM 8 kHz					
Audio Input/Output	Line level input and output					
External I/O Terminals	Alarm In, Alarm Out					
Power Source	25.5 W PoE+, IEEE 802.3at Type 2 PoE Plus			With IR: High Power 51 W PoE++* Without IR: 25.5 W PoE+, IEEE, 802.3at Type 2 PoE Plus		
Onboard Storage	MicroSD/microSDHC/microSDXC					

KEY FEATURES



Flexible configurations for wide area coverage



H.264 & H.265 with Smart Compression technology



True Wide Dynamic Range



IK10, IP66/67 and NEMA 4X environmental rating



Adaptive IR option



ONVIF S, T and G compliant



Lower overall deployment costs



5-year warranty

LENS OPTIONS (REMOTE FOCUS)

	3 MP		5 MP		4K	
Focal Length	2.8 mm	4 mm	2.8 mm	4 mm	4 mm	5.2 mm
Field of View	103°	72°	103°	72°	101°	70°

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[DATASHEET](#)

SARIX MULTI PRO ACCESSORIES



Model Name	IN-CEILING	SURFACE MOUNT	PENDANT MOUNT OR WALL MOUNT
	Indoor	Indoor / Outdoor	Indoor / Outdoor
IMD1-SMT (Outdoor surface mount adapter)		✓	
IMD1-PMT (Outdoor pendant mount adapter)			✓
IMD1-INC (In-ceiling adapter)	✓		
IMD1-SPLD0 (Lower dome, smoked)		✓	✓
IMD1-SPLD1 (Lower dome, clear)		✓	✓
IMD1-INCLD0 (Lower dome, smoked)	✓		
IMD1-INCLD1 (Lower dome, clear)	✓		
WLMT-1001 (Pendant wall arm adapter for use with IMD1-PMT)			✓
NPTA-1001 (Pendant NPT adapter for use with IMD1-PMT)			✓
PLMT-1001 (Aluminum pole mount for use with WLMT-1001)			✓
CRNMT-1001 (Aluminum corner mount for use with WLMT-1001)			✓
CLPNL-1001 (Metal ceiling panel)	✓		
IMD1-IR (Optional IR illuminator)		✓	✓

OPTIONAL ACCESSORIES

Part Number	Description
IMD1-IR	Optional IR illuminator ring for use with IMD1-SPLD1
PD-9001GR/AT/AC-*-MSI	Indoor single port PoE+ 30W injector; Injector operational temperature range -20 °C to +40 °C (-4 °F to 104 °F)
PD-9501GR/AC-NA-MSI	Gigabit 802.3bt 60 W PoE Injector, single port
USB-AC56-NA-MSI / USB-AC56-EU-MSI	USB Wi-Fi adapter
CBLKT-1001	Cable kit replacement for Multi Head cameras

OPTERA MULTI-SENSOR PANORAMIC IP CAMERAS

180°, 270°, and 360° cameras, offering a seamless panoramic viewing experience and intuitive immersive views that competitive offerings simply cannot match.



SPECIFICATIONS

Model Name	OPTERA™ 360°	OPTERA™ 270°	OPTERA™ 180°
Part Number	IMM12036	IMM12027	IMM12018
Lens Focal Length	2.7mm, F/2.5	2.7mm, F/2.5	4.8 mm, F/2.0
Horizontal Angle of View	360°	270°	180°
Vertical Angle of View	73°	73°	41°
Minimum Illumination (color / monochrome)	0.3 lux (F/2.5) in color mode, 0.2 lux (F/2.5) in monochrome	0.3 lux (F/2.5) in color mode, 0.2 lux (F/2.5) in monochrome	0.2 lux (F/2.0) in color mode, 0.14 lux (F/2.0) in monochrome
Resolution (MP)	Up to 12MP		
Image Sensor	1/3.2" progressive scan CMOS		
Pan	360°, adjustable		
Tilt	NA	NA	180°
Max. Dynamic Range (dB)1	> 120dB		
Max. Image Rate	Up to 12.5 frames per second (fps) at full resolution or 30 fps at a reduced resolution		
Environmental	IK10 Impact Rating, IP66 and NEMA Type 4X on environmental models		
AUDIO, POWER & STORAGE			
Audio Compression Method	G.711 PCM 8 bit, 8 kHz mono at 64 kbit/s		
Audio Input/Output	600 ohm differential, 1Vp-p max. signal level		
Streaming	Bidirectional: full or half duplex		
PoE Power Source	PoE+: IEEE 802.3at, Class 4		
Onboard Storage	Micro SD, SDHC tested up to 128GB		
OPTERA CAMERA MOUNT OPTIONS			
2' x 2' drop ceiling panel; replaces 2' x 2' ceiling tile, white	IMM-PNL		
Corner mount (outer) for use with WMVE-SR wall mount	IMM-CM		
DF5 kit for existing indoor DF5 enclosures	IMM-DF5		
Environmental vandal, pendant wall mount, gray	WMVE-SR		
Indoor vandal, pendant wall mount, white/ black	WMVE-WT/BK		
Pole adapter for use with WMVE-SR wall mount	PA101		

KEY FEATURES



Compatible with Pelco VideoXpert® Enterprise, VideoXpert® Professional, and third-party VMS partners



Constant, seamless situational awareness



Outstanding WDR and low-light performance simultaneously



Pelco Enhanced Analytics & Pelco Camera link to drive Pelco Enhanced PTZs



Power over Ethernet Plus (PoE+)



Zoom in for detail live or retrospectively with client-side dewarping



Multiple immersive PTZ views at video management system (VMS)



H.264 and Pelco Smart Compression Technology



ONVIF Profile S, Profile G, conformant



3-year Warranty

LEARN MORE



OPTERA
180°



OPTERA
270°



OPTERA
360°

PELCO FISHEYE CAMERAS

AI-powered analytics and easy-to-install solution that provides 360 degree panoramic views of large areas from a single vantage point, bringing superior situational awareness free from any blind spots.



SPECIFICATIONS

Model Name	SURFACE MOUNT DOMES		IN-CEILING MOUNT INDOOR MODELS	
Part Number	IMF82-1ES IMF82-1ERS	IMF122-1ES IMF122-1ERS	IMF82-1I	IMF122-1I
Sensor Resolution (MP)	8 MP	12 MP	8 MP	12 MP
Image Sensor (progressive scan CMOS)	1/1.8"	1/2.3"	1/1.8"	1/2.3"
Max. Dynamic Range	120 dB			
Max. Image Rate (50 Hz / 60 Hz)	25 fps / 30 fps			
Max. IR Illumination Distance (high power 850 nm LEDs, at 0 lux)	17 m (55 ft)	12 m (39 ft)	NA	NA
Environmental	IK10 Impact Rating IP66 Type 4X on environmental models		IP5X Rating	
AUDIO, POWER & STORAGE				
Audio Compression Method	Opus, G.711 PCM 8 kHz			
Audio Input/Output	Line level I/O and built-in microphone (can be enabled)			
External I/O Terminals	Alarm In: Digital input for connecting an external input sensor Alarm Out: Digital output for controlling an external output device			
External Power Source	With IR: VDC: 12 V +/-10%, 26 W min, Without IR: VDC: 12 V +/-10%, 11 W min			
PoE Power Source	With IR: PoE+: IEEE 802.3at, Class 4, Without IR: PoE: IEEE 802.3af, Class 3			
Onboard Storage	2 x microSD/microSDHC/microSDXC slots – video speed class card required. Class V10 or better recommended One of the two SD card slots is reserved for future use			
LENS OPTIONS				
Lens	(1.4mm, F/2.0)	(1.6mm, F/2.0)	(1.4mm, F/2.0)	(1.6mm, F/2.0)
Field of View	360°	360°	360°	360°
Minimum Illumination (color/monochrome)	With IR: 0 lux Without IR: (0.2 lux / 0.1 lux)	With IR: 0 lux Without IR: (0.38 lux / 0.19 lux)	Without IR: (0.2 lux / 0.1 lux)	Without IR: (0.38 lux / 0.19 lux)

KEY FEATURES



360 degree panoramic views



Sleek, low-profile design with paintable plate¹



Smart Analytics, powered by Motorola Solutions with AI technology



Wide Dynamic Range (WDR)



Adaptive IR technology²



H.264 and H.265 encoding and Pelco Smart Compression technologies



K10 vandal and IP66/67 water resistant²



Pelco Smart Compression Technology



Profiles G, M, S & T Conformant



Built-in Microphone



5-year warranty

¹ Available on in-ceiling mount only.
² Available on surface mount only.

LEARN MORE



FISHEYE
IN-CEILING



FISHEYE
SURFACE
MOUNT



FISHEYE SURFACE
MOUNT WITH BUILT-IN IR
ILLUMINATION

PELCO FISHEYE ACCESSORIES



Model Name	SURFACE MOUNT DOMES		IN-CEILING MOUNT INDOOR MODELS	
Part Number	IMF82-1ES IMF82-1ERS	IMF122-1ES IMF122-1ERS	IMF82-1I	IMF122-1I
Part Number	Description			
IMF-PM	Pendant mount adapter for environmental IMF Series cameras			
IMF-LD1	Replacement lower dome bubbles clear 3-pack for environmental IMF Fisheye cameras up to 12 MP resolution			
IMF-INSTKT	Replacement installation kit for IMF Series camera			
IMFI-INSTKT	Installation kit for IMF Series In-ceiling camera			
IMF-PNL	Ceiling panel for IMF Series In-ceiling camera			
WMVE-AW	Wall mount vandal resistant environmental for 1.5-inch NPT pendant, Pantone 427C			
IMM-CMAW	Corner mount for WMVE-AW, Pantone 427C			
PA101-AW	Pole mount adapter for WMVE-AW, Pantone 427C			
PP350-AW	Parapet wall mount, Pantone 427C			
PP351-AW	Parapet rooftop mount, Pantone 427C			
POE130-XT	Single-port PoE Gigabit extender powered by POE190-BT injector			
POE130-AT (US or EU)	Single-port PoE+ midspan with power cord			
PEO430-AT (US or EU)	4-port, 30 W per port PoE midspan with power cord			
PEO1236-AT (US or EU)	12-port, 36 W PoE midspan			
PEO2436-AT (US or EU)	24-port, 36 W PoE midspan			





SPECIALTY IP CAMERAS

Purpose-built to monitor operations and control processes in hazardous environments with risks of explosion due to the presence of flammable liquids, gases or dust. Pelco's rugged outdoor cameras available in multiple form factors help meet stringent explosion proof and dust-ignition proof requirements while complying with international standards.



EXPLOSION-PROOF – EXSITE ENHANCED SERIES 2

Designed and certified for rugged environmental applications, the Exsite Enhanced series is purpose-built to help monitoring operations and control processes in hazardous environments. Fixed, bullet, compact bullet and PTZ, with or without IR illumination, are made to last long and ensure minimal installation and maintenance.

SPECIFICATIONS



Model Name	COMPACT	FIXED	PTZ	PTZ WITH IR
Part Number	EXC2602-62 EXC2602-62-A4 EXC2602-62-A0	EXF2230-52-A4 EXF2230-62-A4 EXF2230-52-A0 EXF2230-62-A0 EXF2230-52-C4 EXF2230-62-C4 EXF2230-52-C0 EXF2230-62-C0	EXP2230-67 EXP2230-62 EXP2230-65 EXP2230-67-G EXP2230-62-G EXP2230-65-G	EXPE2-2X30-SPT-IRM2F EXPE2-2X30-SPT-IRACF EXPE2-2X30-SPT-IRM1F EXPE2-2X30-SPT-IRM2FG EXPE2-2X30-SPT-IRACFG EXPE2-2X30-SPT-IRM1FG
Resolution (MP)	6 MP	2 MP	2 MP	2 MP
Image Sensor	1/1.8" progressive scan CMOS	1/2.8" progressive scan CMOS	1/2.8" progressive scan CMOS	1/3" progressive scan CMOS
Max. Dynamic Range (dB)	120dB	120dB	120 dB	120dB
Max. Image Rate (50 Hz / 60 Hz)	25 fps / 30 fps	60 fps	60 fps	60 fps
Lens	4.9-8 mm	4.3-129 mm (30x zoom)	4.3-129 mm (30x zoom)	4.3-129mm (30x zoom)
Minimum Illumination	0.055 lux color 0.028 lux mono	0.1 lux color 0.03 lux mono	0.1 lux color 0.03 lux mono	0.03 lux color 0.02 lux mono
Horizontal Angle of View (Aspect Ratio)	(16:9) 50°-91°; (3:2) 47°-72°	(16:9) 3.1°-64°	(16:9) 3.1°-64°	(16:9) 2.34° - 65.1°
Vertical Angle of View (Aspect Ratio)	(16:9) 29°-51°; (3:2) 27°-48°	(16:9) 1.7°-38°	(16:9) 1.7°-38°	(16:9) 1.36° - 38.4°
Certifications/Directives	IECEX, ATEX, INMETRO, EAC Ex, CCOE	IECEX, ATEX, INMETRO, EAC Ex, CCOE	IECEX, ATEX, INMETRO, EAC Ex, CCOE	UL, CSA, ATEX, IECEX, EACEx, KCs, UKEx, INMETRO
Safety	UL, cUL, CE, RCM, UL/CSA 62368-1, EN/IEC 62368-1	UL, cUL, CE, RCM, UL/CSA 62368-1, EN/IEC 62368-1	UL, cUL, CE, RCM, UL/CSA 62368-1, EN/IEC 62368-1	UL 62368-1, CSA 62368-1, IEC/EN 62368-1, IEC/EN 62471
Environmental	EN/IEC 60529: IP66, IP67, IP68, IP69; EN 60068-2-52: salt spray; UL50E: 4X, 6P		EN/IEC 60529: IP66, IP67, IP68, IP69 EN 60068-2-52: salt spray UL50E: 4X, 6P	EN/IEC 60529: IP66, IP67, IP68, IP69 EN 60068-2-52: salt spray UL50E: 4X, 6P
Electromagnetic and Explosion Protection	Cameras were tested to Hazloc Canada, Hazloc US, ATEX, IECEX, INMETRO, KCs and EAC Ex standards. For full details, please refer to camera datasheet.		FCC Part 15 Subpart B Class A, IC ICES-003 Class A, EN 55032 Class A, EN61000-6-4, EN 61000-3-2, EN 61000-3-3	Hazardous Location Certifications: IECEX, ATEX, INMETRO, EAC Ex, CCOE, UL/ cUL, EMC Certifications: FCC Part 15, ICES-003, CE

KEY FEATURES



Smart Analytics, powered by Motorola Solutions with AI technology



True Wide Dynamic Range



Low Light Technology



ONVIF S, G and T Compliant



Stainless-steel construction



Explosion-proof



High temperature range



H.264 and H.265 Smart Compression Technology

LEARN MORE



DATASHEET

EXPLOSION-PROOF – EXSITE PRO

The ExSite Pro Series is built with aluminum housing, offering a lightweight solution that optimizes security and achieves cost savings while maintaining image quality and situational awareness. These cameras are ideal for non-corrosive hazardous environments, such as inland oil and gas, agricultural, manufacturing and pharmaceutical industries. Available in PTZ, with and without IR.



SPECIFICATIONS

Model Name	PTZ	PTZ WITH IR
Part Number	EXPP1-2X30-EPT-00A0M3	EXLP1-2X30-EPT-85B0M3
Resolution (MP)	2 MP	
Image Sensor	1/3" progressive scan CMOS	
Max. Dynamic Range (dB)	120dB	
Max. Image Rate (50 Hz / 60 Hz)	60 fps	
Lens	4.3-129 mm (30x zoom)	
Minimum Illumination	0.03 lux color 0.02 lux mono	
Horizontal Angle of View (Aspect Ratio)	(16:9) 2.34° - 65.1°	
Vertical Angle of View (Aspect Ratio)	(16:9) 1.36° - 38.4°	
Certifications/Directives	cULus, CE, UKCA, ROHS	
Safety	UL 62368-1, CSA 62368-1, IEC/EN 62368-1, IEC/EN 62471	
Environmental	IP66/67/68/69, NEMA Type 4X, 6P	
Electromagnetic and Explosion Protection	FCC Part 15 Subpart B Class A, IC ICES-003 Class A, EN 55032 Class A, EN 61000-6-4, EN 61000-3-2, EN 61000-3-3 Hazardous: ATEX (EN IEC 60079-0, EN 60079-1, EN 60079-31), IECEx (IEC 60079-0, IEC 60079-1, IEC 60079-31), UL listed for USA (UL 60079-0, UL 60079-1, UL 60079-31), UL listed for Canada (CAN/CSA-C22.2 NO. 60079-0, CAN/CSA-C22.2 NO. 60079-1, CAN/CSA-C22.2 NO. 60079-31)	

AUDIO, POWER & STORAGE

Audio Compression Method	N/A
Audio Input/Output	N/A
External I/O Terminals	Alarm Inputs: 1 Relay Outputs: 2 (1A, 30VAC / 60VDC max) Integrated power supply for washing system: 24VDC, 12W max Input for Remote Reset: 1 Ports: 10BASE-T/100BASE-T, RJ45 connector (CAT5E cabling) and SFP slot
Power Source	From 100VAC to 240VAC±10%, 1.2A, 50/60Hz
Onboard Storage	SD card support (Class V10 or better recommended)

KEY FEATURES



Smart Analytics, powered by Motorola Solutions with AI technology



True Wide Dynamic Range



Excellent low light performance



ONVIF Profile S, G, T and M compliant



Cost-effective alternative with aluminum housing



Explosion-proof with global certifications



Wide temperature range



Water and dust resistance

LEARN MORE



DATASHEET



FACTSHEET

FIXED CAMERAS	PTZ CAMERAS	PANORAMIC CAMERAS	SPECIALTY CAMERAS	VIDEO SOFTWARE	VIDEO ANALYTICS	TECHNOLOGY INTEGRATIONS	BODY-WORN CAMERAS
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EXPLOSION-PROOF – EXSITE ENHANCED SERIES 2 AND EXSITE PRO ACCESSORIES



Model Name	COMPACT	FIXED	PTZ	PTZ WITH IR	PRO PTZ
Part Number	EXC2602-62 EXC2602-62-A4 EXC2602-62-A0	EXF2230-52-A4 EXF2230-52-A0 EXF2230-62-A0 EXF2230-52-C4 EXF2230-62-C4 EXF2230-52-C0 EXF2230-62-C0	EXP2230-67 EXP2230-62 EXP2230-65 EXP2230-67-G EXP2230-62-G EXP2230-65-G	EXPE2-2X30-SPT-IRM2F EXPE2-2X30-SPT-IRACF EXPE2-2X30-SPT-IRM1F EXPE2-2X30-SPT-IRM2FG EXPE2-2X30-SPT-IRACFG EXPE2-2X30-SPT-IRM1FG	EXP11-2X30-EPT-00A0M3 EXLP1-2X30-EPT-85B0M3
MMXCWCOL (Pole mount for use with EXC2602-compact fixed cameras. For pole diameters from 60 mm (2.36") to 200 mm (7.9"). Max load 30 kg (66 lb.). AISI 316L stainless steel)	✓				
MMXCABLARM4 (Cabling, 4m (13.1 ft), armored cable, barrier cable gland)	✓				
MMXCABARM10 (Cabling, 10m (32.8 ft), armored cable, barrier cable gland)	✓				
MBA1SSA (Aluminum housing, 230 VAC input)	✓	✓	✓		✓
MBA2SSA (Aluminum housing, 24 VAC input)	✓	✓	✓		✓
MBA3SSA (Aluminum housing, 120 VAC input)	✓	✓	✓		✓
MBX1MAA (AISI 316L stainless steel housing, 230 VAC input)	✓	✓	✓		✓
MBX2MAA (AISI 316L stainless steel housing, 24 VAC input)	✓	✓	✓		✓
MBX3MAA (AISI 316L stainless steel housing, 120 VAC input)	✓	✓	✓		✓
MBXMP (Adapter plate for communication box to MPXCOL or MPXCW mounts. AISI 316L stainless steel housing)	✓	✓	✓		✓
MBXWRE (Wrench for opening communication boxes, MBX)	✓	✓	✓		✓
MPXCOL (Pole mount adapter for use with MBXMP or EXP2230 PTZ or ExSite Pro cameras. For pole diameters from 110 mm (4.3") to 150 mm (5.9"). Max load 50 kg (110 lb.). AISI 316L stainless steel)	✓	✓	✓		✓
MPXCW (Corner mount adapter for use with MBXMP or EXP2230 PTZ or ExSite Pro cameras. Max load 50 kg (110 lb.). AISI 316L stainless steel)	✓	✓	✓		✓
NXWBS1 (Wall bracket for use with EXF2230 cameras. AISI 316L stainless steel)		✓			
MHXWFWCA (Parapet mounting bracket for use with EXF2230 cameras. AISI 316L stainless steel)		✓			
NXFWBT (Vertical riser, 124 mm (4.9"), for use with EXF2230 cameras. AISI 316L stainless steel)		✓			
NXWTU (Wall adapter module, for use with NXWBS1. AISI 316L stainless steel)		✓			
NXCOL (Pole mount adapter for use with EXF2230 cameras or explosion-protected washers. For pole diameters from 110 mm (4.3") to 150 mm (5.9"). Max load 50 kg (110 lb.). AISI 316L stainless steel)		✓	✓		✓
NXCW (Corner mount adapter for use with EXF2230 cameras or explosion-protected washers. Max load 50 kg (110 lb.). AISI 316L stainless steel)		✓	✓		✓
MPX2CABL4 (Cabling, 4m (13.1 ft), unarmored cable, barrier cable gland)			✓		
XWBA (AISI 316L stainless steel wall bracket for ExSite Pro)					✓
XWBTa (AISI 316L stainless steel parapet or ceiling mounting bracket for ExSite Pro)					✓
MPX2CABL10 (Cabling, 10m (32.8 ft), unarmored cable, barrier cable gland)			✓		
MPX2CABARM4 (Cabling, 4m (13.1 ft), armored cable, barrier cable gland)			✓		
MPX2CAARM10 (Cabling, 10m (32.8 ft), armored cable, barrier cable gland)			✓		
EXPRO1CABLARM101 (Cabling, 10m (32.8 ft), armored cable, barrier cable gland)					✓
EXPRO1CABLARM41 (Cabling, 4m (13.1 ft), armored cable, barrier cable gland)					✓
OCTEXB3/4P (Barrier Cable Gland)			✓		✓
OEXPLUG3/4P (Plug EX 3/4" NPT)			✓		✓
OEXPLUG1/2P (Plug EX 1/2" NPT)			✓		
OCEX1/2-3/4 (Reduction 3/4" NPT to 1/2" NPT)			✓		✓
WXM200 (Wall mount designed to mount the Exsite Series system directly to a load-bearing vertical surface)				✓	
PXM200 (Pedestal mount designed to mount an Exsite Enhanced Series system directly to a horizontal surface in either an upright or inverted position)				✓	
CMXM200 (Corner adapter for use with the WXM200 to mount an Exsite Series system to the corner of a structure)				✓	
PAXM200 (Pole adapter for use with the WXM200 to mount a system to a vertical pole or with a PXM200 to mount a system to a horizontal pole; recommended pole diameter is 10.16 to 22.86 cm (4 to 9 inches))				✓	
WASEX2T4AT (ExP Tank 10I ATEX pipe 20m IN 24Vac dc)		✓	✓		✓
WASEX2T4GOR (ExP Tank 10I EAC pipe 20m IN 24Vac dc)		✓	✓		✓
WASEX2T4IN (ExP Tank 10I INMETRO 20m IN 24Vac dc)		✓	✓		✓
WASEX2T4KC (ExP Tank 10I KC 20m IN 24Vac dc)		✓	✓		✓

ESPRIT ANTI-CORROSION

A Day/Night camera designed with AISI 316L stainless steel for exceptional resistance to corrosion. Ideal for onshore/offshore marine environments or chemical industries. Available in fixed bullet or PTZ.



SPECIFICATIONS

Model Name	PTZ	BULLET
Part Number	ESSE1-2X40-SPT-M2 ESSE1-2X40-SPT-AC ESSE1-2X40-SPT-M1	ESSE1-2X40-SBT-PAP ESSE1-2X40-SBT-PA ESSE1-2X40-SBT-PAW
Resolution (MP)	2 MP	
Image Sensor	1/2.8" progressive scan CMOS	
Optical Zoom	40X	
Pan	360°, endless, up to 100°/second	N/A
Tilt	-90° to +90°, up to 100°/second	N/A
Max. Dynamic Range (dB)	120 dB	
Max. Image Rate	Up to 60 fps	
Environmental	IP66, IP67, IP68, IP69, NEMA TS 2, Lloyd's Register Marine type, IK10 Impact Rating (enclosure only)	IP66, IP67, IP68, IP69, NEMA TS 2
AUDIO, POWER & STORAGE		
Image Compression Method	H.264 and H.265 Pelco Smart Compression, Motion JPEG	
Audio Input/Output	None	
External I/O Terminals	1 Alarm In, 1 Alarm Out, 1 Washer pump Out, 1 Remote reset In	2 Digital Output (optional)
Power Source	220-230 VAC ±10%, 0.5 A max, 50/60 Hz; 120 VAC ±10%, 1 A max, 50/60 Hz; 4 VAC ±10%, 5 A max, 50/60 Hz	POE+; 24 VAC, 1.32A, 24 VDC, 0.9A
Onboard Storage	MicroSD/microSDHC/microSDXC slot – video speed class card required. Class V10 or better recommended.	Pre-installed 128 GBytes storage

KEY FEATURES



Rugged construction



Lloyd's Register Marine Type approval



Corrosion resistant



S, G, T and M conformant



High-temperature range



Wide Dynamic Range & low light compensation

LEARN MORE



PTZ
DATASHEET



BULLET
DATASHEET

SARIX THERMAL ENHANCED 4 SERIES

Protect your perimeter day and night with superior long-range smart analytic identification and classification. Combine detection with radiometry alarms to identify threats beyond what is visible to the human eye.



SPECIFICATIONS

Model Name	THERMAL VARIANTS			RADIOMETRIC VARIANTS	
Part Number	SXTE4-QF04-EBT SXTE4-QF04-EBT-1 SXTE4-QF09-EBT SXTE4-QF09-EBT-1	SXTE4-QF13-EBT SXTE4-QF13-EBT-1 SXTE4-QF18-EBT SXTE4-QF18-EBT-1	SXTE4-VF24-EBT SXTE4-VF24-EBT-1 SXTE4-VF36-EBT SXTE4-VF36-EBT-1	SXRE4-VF09-EBT SXRE4-VF09-EBT-1 SXRE4-VF14-EBT	SXRE4-VF14-EBT-1 SXRE4-VF18-EBT SXRE4-VF18-EBT-1
Thermal Resolution	320x256		640x512	640x512	
Image Sensor	Uncooled VOx Microbolometer		Uncooled VOx Microbolometer	Uncooled VOx Microbolometer Radiometric	
Pixel Pitch	12µm				
Spectral Range	8µm to 14µm				
Aspect Ratio	5:4				
Imaging Rate	Up to 30 fps (-1 models up to 8.6 fps)				
Dynamic Range	-40 °C to 225 °C (-40 °F to 437 °F) [may vary based on operating temperature]				
Resolution Scaling	320x256, can be scaled up to 640x512		640x512, can be scaled down to 320x256	640x512, can be scaled down to 320x256	
3D Noise Reduction Filter	Yes				
Sensitivity	NETD ≤50mK (NETD ≤40mK on 30FPS models when Frame Averager feature is enabled)				
Image Uniformity Optimization	Automatic Flat Field Correction (FFC) - Thermal and Temporal				
Operating Temperature Range	-40 °C to +65 °C (-40 °F to 149 °F)				
Environmental	IP66, IP67 (IK10 rating) includes window impact on all models Type 4X		IP66, IP67 IK10 rating includes window impact only on models SXRE4-VF14-EBT, SXRE4-VF14-EBT-1, SXRE4-VF18-EBT, SXRE4-VF18-EBT-1, SXTE4-VF24-EBT, SXTE4-VF24-EBT-1Type 4X		

KEY FEATURES



Pelco Smart Analytics, powered by Motorola Solutions



ONVIF Profile S, G, T and M conformant



Radiometric Capabilities with Thermal Analytics*



Rated IK10 for vandal resistance



Rated IP66/67 and NEMA 4X for water resistance



Flexible configurations for wide area coverage



9Hz and 30Hz versions



5-year warranty

LEARN MORE



DATASHEET

LENS OPTIONS

Part Number	Resolution (MP)	Lens Focal Length	Angle of View (H x V)	Classified Object Detection Range
SXTE4-QF04-EBT SXTE4-QF04-EBT-1	320 x 256	4.3mm	50.0° x 40.0°	55m
SXTE4-QF09-EBT SXTE4-QF09-EBT-1	320 x 256	9.1mm	24.1° x 19.2°	120m
SXTE4-QF13-EBT SXTE4-QF13-EBT-1	320 x 256	13.8mm	16.0° x 12.8°	170m
SXTE4-QF18-EBT SXTE4-QF18-EBT-1	320 x 256	18.0mm	12.2° x 9.7°	220m
SXRE4-VF09-EBT SXRE4-VF09-EBT-1	640 x 512	9.2mm	49.9° x 39.3°	100m
SXRE4-VF14-EBT SXRE4-VF14-EBT-1	640 x 512	14.0mm	32.0° x 25.6°	150m
SXRE4-VF18-EBT SXRE4-VF18-EBT-1	640 x 512	18.0mm	24.3° x 19.5°	205m
SXTE4-VF24-EBT SXTE4-VF24-EBT-1	640 x 512	24.3mm	18.0° x 14.4°	270m
SXTE4-VF36-EBT SXTE4-VF36-EBT-1	640 x 512	36.0mm	12.2° x 9.8°	400m





VIDEO MANAGEMENT SOFTWARE

Pelco's video management solutions are designed to fit security operations of any size. With an intuitive design and easy-to-navigate presentation that effortlessly displays what's needed, when it's needed, it allows security professionals to make fast and effective decisions that drive your business forward.



VideoXpert™



VIDEOXPERT MANAGEMENT SOFTWARE

Pelco’s VideoXpert software-based video management system is an intuitive, customizable solution that enables security professionals to easily see what they need to see, when they want to see it. Available in Enterprise and Professional packages, VideoXpert provides a scalable solution ranging from entry-level surveillance set-ups to systems that support tens of thousands of cameras across multiple continents. VideoXpert can be optimized by using Pelco hardware or seamlessly integrated with many third-party systems and cameras, and it is always backed by an unparalleled level of support.

SPECIFICATIONS

LICENSES

Feature	PROFESSIONAL	ENTERPRISE	Part Number	Application Edition	Type	Description
Architecture	All-in-one	Distributed	E1-COR-SW	Enterprise	Core Service	VideoXpert Enterprise, one (1) software license for a single VxCore server.
Cameras per System	up to 100	up to 25,000	E1-MGW-SW	Enterprise	Media Gateway Service	VideoXpert Enterprise, one (1) software license for a single Media Gateway server.
Recommended Operators	up to 10	Up to 100+	E1-VXS-SW	Enterprise	Recording Service	VideoXpert Enterprise, one (1) license for a single VxStorage recording server.
Clients per System	Unlimited	Unlimited	U1-AGG-1P	Enterprise	Aggregation from VxProfessional	Allows for one VideoXpert Professional channel from a remote system to be aggregated into a VideoXpert Enterprise system. One license per aggregated channel is required. License must be applied to the head-end Enterprise system.
Aggregation Server	No	Yes	U1-AGG-1C	Enterprise	Aggregation from VxEnterprise	Allows for one VideoXpert Enterprise channel from a remote system to be aggregated into another VideoXpert Enterprise system. One license per aggregated channel is required. License must be applied to the head-end Enterprise system.
Aggregation Member	Yes	Yes	E1-1C	Enterprise	Software Upgrade Plan & Channel License	VideoXpert Enterprise, one (1) camera channel license and one (1) year software upgrade for one (1) channel.
Database Redundancy	No	Yes	E1-1C3Y	Enterprise	Software Upgrade Plan & Channel License	VideoXpert Enterprise, one (1) camera channel license and three (3) year software upgrade for one (1) channel.
Redundant Recording	No	Yes	E1-1C-SUP1	Enterprise	Software Upgrade Plan	VideoXpert Enterprise, one (1) year software upgrade for one (1) channel.
Recording Failover	No	Yes	E1-1C-SUP3	Enterprise	Software Upgrade Plan	VideoXpert Enterprise, three (3) year software upgrade for one (1) channel.
Low-Bandwidth Transcoding	Yes	Yes	VXP-1C	Professional	Channel License	VideoXpert Professional, one (1) camera channel license.
Local Web Client (VxPortal)	Yes	Yes	VXP-1C-3Y	Professional	Software Upgrade Plan & Channel License	VideoXpert Professional, one (1) camera channel license and three (3) year software upgrade for one (1) channel.
Multi-System Access	Yes	Yes	VXP-SUP-1Y	Professional	Software Upgrade Plan	VideoXpert Professional, one (1) year software upgrade for one (1) channel.
Pelco Enhanced Analytics	Yes	Yes	VXP-SUP-3Y	Professional	Software Upgrade Plan	VideoXpert Professional, three (3) year software upgrade for one (1) channel.
Pelco Basic Analytics	Yes	Yes				
4K Support	Yes	Yes				
Monitor Wall Capable	Yes	Yes				
Tabbed Workspace	Yes	Yes				
Save/Recall/Share Workspaces	Yes	Yes				
Integration Plug-ins	Yes	Yes				
Active Directory Integration	Yes	Yes				
LDAP Integration	Yes	Yes				
Map/Floorplan Interface	Yes	Yes				
Onvif Compatible	Yes	Yes				
FISMA/NIST Compatible	Yes	Yes				
Supported Streaming	H.264/H.265/MJPEG	H.264/H.265/MJPEG				

KEY FEATURES

Unified User Interface

- Shareable Workspaces
- Intuitive, draggable UI elements
- Tag-based organization
- Browser-like tab views
- Centralized video data utilizing sequencing, alarm tabs and event viewer features

Third Party Integrations and Plugins

- Integrated solutions with many of the industries top manufactures in access control, facial recognition, building management, analytics, and more
- VideoXperts unique plug-in architecture offers users a seamless experience between the third-party system and VideoXperts Operations Center client software
- Middleware solutions allow for sharing of alarms, events, and video between partner applications

Incident and Event Management

- Customized event notifications
- Real-time visual notification of alarms
- Synchronize video and bookmark clips of interest
- Powerful Investigation Engine
- High frame rate video scrubbing

Stability and Security

- Redundancy options including RAID, dual-power, and database failover
- Cybersecure platform - TLS 1.2, RMF, FIPS 140-3

VIDEOXPERT WORKSTATIONS

Pelco’s video management systems allow security professionals to easily see what they need to see, when they want to see it. From small business to enterprise class installations, our solutions are scalable to support tens of thousands of cameras across multiple continents.

Available in desktop and rack mount configurations, these Microsoft Windows-based workstations provide an optimal environment from which users can watch live and recorded video. All models include VideoXpert VxOpsCenter client software pre-installed.

WORKSTATIONS

Model Name		VIDEOXPERT DESKTOP WORKSTATION	VIDEOXPERT RACKMOUNT WORKSTATION
Part Number		VX-WKST	VX-RKWKST, VX-RKWKS8T
Operating System		Windows 10 IoT	Windows 10 IoT
OS Volume	Configuration	1 x SSD 256 GB	1 x SSD 256 GB
Display	Graphics Card	NVIDIA P620 (2 GB)	NVIDIA P620 (2 GB)
	Outputs	4 x Mini DisplayPort (DP++) 1.4	4 x Mini DisplayPort (DP++) 1.4 (8 x for VX-RKWKS8T)
Compatible VideoXpert Editions		Professional, Enterprise	Professional, Enterprise
Maximum Resolution		4K (2 monitors) or 1080P (4 monitors)	4K (2 monitors) or 1080P (4 monitors or 8 monitors for VX-RKWKS8T)
Supported Simultaneous Streams ¹		24 max per monitor / up to 64 total distributed between monitors	24 max per monitor / up to 64 total distributed between monitors
Processor		Intel Core i7-8700	Intel Core i7-9700K
Memory		16 GB DDR4	16 GB DDR4
Network Interface		1 x 1 GbE	1 x 1 GbE, 1 x 10 GbE
Power Supply		250 W (110-240 VAC)	550 W (110-240 VAC)
Form Factor		Small form factor desktop	1U rack mount chassis
Warranty		3 yrs	3 yrs

LEARN MORE

DESKTOP WORKSTATION

RACKMOUNT WORKSTATION

¹See VideoXpert design guide for further information

VIDEOXPERT SHARED DISPLAY DECODER

Designed in a small but powerful micro package, the Shared Display Decoder is an extension to your workstation and allows for endless monitor wall configurations. Equipped with a kit to easily and discreetly mount the decoder behind a wide variety of monitors.

SPECIFICATIONS

Model Name		VIDEOXPERT SHARED DISPLAY DECODER
Part Number		VX-A5-SDD
Operating System		Windows 10 IoT
OS Volume	Configuration	SSD 128GB
Display	Graphics Card	Intel UHD Graphics
	Outputs	2 x DisplayPort, 1 x HDMI
Compatible VideoXpert Editions		Professional, Enterprise
Maximum Resolution		4K (1 monitor) / 1080P (2 monitors)
Supported Simultaneous Streams ¹		12 @ 1080P primary stream / 6 @ 4K primary stream
Processor		Intel Core i7-10700T
Memory		16 GB DDR4
Network Interface		1 x 1 GbE
Power Supply		External 130 W (110-240 VAC)
Form Factor		Micro Desktop / Monitor Mount
Warranty		3 yrs

[LEARN MORE](#)

[DATASHEET](#)

¹See VideoXpert design guide for further information

VIDEOXPERT ENTERPRISE CORE MEDIA GATEWAY

The Core Media Gateway is the heart of the VideoXpert system and maintains the database of cameras, recording devices, users, permissions, and manages video traffic for optimal video streaming performance to devices throughout the system. Multiple units may be combined for systems with up to 25,000 cameras.

SPECIFICATIONS

Model Name	CORE MEDIA GATEWAY (CMG)
Part Number	VXCMG3-NSVR
Operating System	Windows Server 2019
OS Volume	960 GB SDD
Cameras Per Core/Media Gateway	4000 cameras (or 7000 cameras with the optional 10Gb SFP+ kit)
Onvif Compatible	Yes
Processor	Intel® Xeon® E-2286G
Memory	64 GB DDR4 ECC
Network Interface	1 x 1GbE , 1x 10GbE, 10Gb SFP+ (optional)
Power Supply	550W / 110-240 VAC (1 included, 2 maximum)
Form Factor	1U rack mount chassis
Warranty	3 yrs

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[DATASHEET](#)

VIDEOXPERT RECORDERS

Built with enterprise class server-grade hardware, these recorders offer a powerful RAID redundant platform for demanding 24/7 operation in critical environments.

SPECIFICATIONS

ENTERPRISE

Model Name		VXSTORAGE E-SERIES	VXSTORAGE R-SERIES
Part Number		VXS2B-E-C-N-D-S	VXS2B-E-C-N-D-S
Storage (TB)	RAW Capacity ^(C)	⁽¹⁶⁸⁾ ⁽²¹⁶⁾ ⁽²⁸⁸⁾	⁽⁰⁾ ⁽⁹⁶⁾ ⁽¹⁶⁰⁾
	Disk Configuration ¹ ^(D)	⁽²⁰⁾ TB or ⁽¹²⁾ TB 3.5" SAS, hot-swappable	⁽²⁰⁾ TB or ⁽¹²⁾ TB 3.5" SAS, hot-swappable
	Redundancy	RAID 6	RAID 6
OS Volume	Configuration	Dual 256GB SSD	Dual 256GB SSD
	Redundancy	RAID 1	RAID 1
Maximum Recording Throughput	1 GbE	700 Mbps	700 Mbps
	10 GbE	2500 Mbps	1000 Mbps
Maximum Playback Throughput	1 GbE	175 Mbps	175 Mbps
	10 GbE	175 Mbps	175 Mbps
Processor		2 x Intel Xeon Silver 4210	1 x Intel® Xeon® Silver 4310
Memory		32 GB (4 x 8 GB)	32 GB (4 x 8 GB)
Network Interface		4 x 1 GbE RJ45, 2 x 10 GbE SFP+, 1 x iDRAC	2 x 1 GbE RJ45, 2 x 10 GbE SFP+, 1 x iDRAC
Power Supply		2 x 1100 W (110-240 VAC)	2 x 800 W (110-240 VAC)
Operating System		Windows Server 2019	Windows Server 2019
Form Factor		2U rack mount chassis	2U rack mount chassis
Warranty		5 year, On-site, Keep Your Hard Drive	5 year, On-site, Keep Your Hard Drive

¹Disk configuration is predetermined based on the selected capacity.

The Professional series is an all-in-one solution that combines the power of VideoXpert in a single easy to use platform. Models are available with local viewing capability, and may also be combined with other VideoXpert workstations or aggregated into a larger Enterprise system. All recorders include VideoXpert Professional software pre-installed. Camera licenses are sold separately.

PROFESSIONAL

Model Name		POWER 3 SERIES	ECO 3 SERIES
Part Number		VXP-P3-C-B-D	VXP-E3-C-JS
Storage (TB)	RAW Capacity ^(C)	⁽⁰⁾ ⁽³⁶⁾ ⁽⁴⁸⁾ ⁽⁷²⁾ ⁽⁹⁶⁾	⁽⁰⁾ ⁽⁴⁾ ⁽⁸⁾ ⁽¹²⁾ ⁽²⁴⁾ ⁽³²⁾
	Redundancy ^(B)	^(J) BOD, RAID ⁽⁵⁾ , RAID ⁽⁶⁾	JBOD
OS Volume	Configuration	2x M.2 SSDs 240 GB	M.2 NVMe 256 GB
	Redundancy	RAID 1	-
Recording Throughput		450 Mbps	250 Mbps
Display	Graphics Card	NVIDIA P1000 4 GB	NVIDIA T600 2 GB
	Outputs	4 x Mini DisplayPort (DP++) 1.4	4 x Mini DisplayPort (DP++) 1.4
Processor		Intel® Xeon® Silver 4310	Intel® Core i5-9500
Memory		16 GB DDR4	16 GB DDR4
Network Interface		2 x 1 GbE, 1 x iDRAC	1 x 1 GbE, 1 x 10 GbE
Power Supply		2 x 800 W (110-240 VAC)	2 x 550 W (110-240 VAC)
Operating System ^(D)		Windows 10 IoT ^(T) or Server 2019 ^(N)	Windows 10 IoT
Form Factor		2U rack mount chassis	2U rack mount chassis
Warranty		3 yrs (extendable to 5 yrs)	3 yrs (extendable to 5 yrs)

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VXSTORAGE SERVER
E-SERIES



VXSTORAGE SERVER
T-SERIES



VXSTORAGE SERVER
R-SERIES



VIDEO ANALYTICS

The more information you have about your sites, the better you can protect them. Our video security analytics and cloud-based intelligence enables security operators to monitor sites with ease. Accurately detect people and vehicles in real-time to prevent critical incidents from occurring.



PELCO CALIPSA

Discover Pelco Calipsa, an AI full cloud-based platform that helps to make any existing camera, regardless of brand, smarter with no additional hardware. Everyday, more than 10 million video events are processed by Calipsa's proprietary AI and neural network technologies. Elevate existing simple, motion-only cameras into deep learning AI-based cameras that can classify people and vehicles in real-time.

PART NUMBERS

PELCO CALIPSA BASIC

Calipsa Basic detects people and vehicles with false alarm filtering, enabling security operators to focus on what matters most.

PELCO CALIPSA BASIC+

Includes all the features of Calipsa Basic, plus Camera Health Checks to ensure efficient operations 24/7. Camera Health enables the reduction in maintenance costs, as it removes the need to manually check the view, positioning, and status of every camera. Daily reports allow users to easily keep track of when a camera has been moved, needs cleaning, or when the view has been obstructed for an extended time.

PELCO CALIPSA CORE

Calipsa Core introduces additional analytic capabilities that go beyond basic human and vehicle detection. Operators can be informed of suspicious loitering behavior, receive count-based alerts of humans and vehicles in a scene, and be notified of crowd forming situations - all within a defined region of interest.

PELCO CALIPSA PRO

Calipsa Pro turns your video analytics solutions into a powerful cloud-based forensic analysis search tool. Users can leverage meta-based attributes to search for events containing similar objects or events across multiple cameras.

Part Number	Product Name	Description
CVA-BAP1-10C1Y	Pelco Calipsa Basic+	One year subscription to Calipsa Basic Plus for ten (10) cameras
CVA-BAS1-10C1Y	Pelco Calipsa Basic	One year subscription to Calipsa Basic for ten (10) cameras
CVA-HLT1-10C1Y	Pelco Calipsa Camera Health	One year subscription to Calipsa Camera Health for ten (10) cameras
CVA-COR1-10C1Y	Pelco Calipsa Core	One year subscription to Pelco Calipsa Core for ten (10) cameras.
CVA-PRO1-10C1Y	Pelco Calipsa Pro	One year subscription to Pelco Calipsa Pro for ten (10) cameras.

EDITIONS

Feature List	BASIC	BASIC+	CAMERA HEALTH Optional Standalone Feature	CORE	PRO
Object Detection	✓	✓		✓	✓
Camera Masking	✓	✓		✓	✓
Scheduling	✓	✓		✓	✓
Site Sharing	✓	✓		✓	✓
Mobile App	✓	✓		✓	✓
Reports	✓	✓	✓	✓	✓
Scene Change		✓	✓	✓	✓
Idle Camera Checks		✓	✓	✓	✓
Watchlists				✓	✓
Loitering Detection				✓	✓
Crowd Forming Detection				✓	✓
Crowd-based Alerts				✓	✓
Region of Interest				✓	✓
Similarity Search					✓
Meta-based Video Search					✓
Video Summarization					✓
Forensic Reports					✓

[LEARN MORE](#)

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[30-DAY FREE TRIAL](#)

KEY FEATURES

PELCO CALIPSA BASIC

- **People and Vehicle Detection:** Recognizes the causes of an alarm and filters out alarms that are not caused by human or vehicle motion.
- **Camera Masking:** Draw masks on the camera view to outline areas of disinterest such as roads to have Calipsa exclude them from alarm processing.
- **Scheduling:** Set custom schedules on a site-by-site basis to focus your monitoring efforts.
- **Site Sharing:** Share selected sites with integrators and customers.
- **Mobile App:** Receive notifications, view alarm history, and arm or disarm your sites from the mobile app.
- **Reports:** Find snapshots of Calipsa's activity over specific time periods and get automatic reports sent to your inbox.

PELCO CALIPSA BASIC+

includes all of Basic features

- **Scene Change:** Calipsa Basic+ catches significant changes in the cameras' scene before they become critical with daily camera checks.
- **Idle Camera Checks:** Calipsa Basic+ provides on demand idle camera reports enabling you to quickly determine if any cameras have been unresponsive for an extended period of time.

CAMERA HEALTH

available as an optional standalone feature

- **Scene Change:** Calipsa Basic+ catches significant changes in the cameras' scene before they become critical with daily camera checks.
- **Idle Camera Checks:** Calipsa Basic+ provides on demand idle camera reports enabling you to quickly determine if any cameras have been unresponsive for an extended period of time.

PELCO CALIPSA CORE

includes all Basic and Basic+ features

- **Watchlists:** Inclusion and exclusion lists enable users to upload photos of objects to watch or ignore.
- **Loitering detection:** Identify suspicious loitering actively that could lead to a crime.
- **Crowd forming detection:** Be informed of crowded situations that may indicate an event of concern in progress.
- **Count-based alerts:** Receive alerts when a certain count of objects appear in an alarm.
- **Region of interest:** Select important areas of the camera view to receive alerts only when objects enter the region of interest.

PELCO CALIPSA PRO

includes all Basic, Basic+, and Core features

- **Similarity search:** Quickly search for events that contain similar humans or vehicles of interest.
- **Meta-based video search:** Search for specific alarms using our meta-based forensic search, containing all the classifications available in our real-time analytics solution.
- **Video summarization:** View the results of your forensic search as a single summary video, combining all alarms returned by the search into one easy to review video.
- **Forensic reports:** Generate forensic reports to share with investigation stakeholders.

PELCO CALIPSA VMS INTEGRATIONS

Integrations are by far the most popular method of using Pelco Calipsa as they eliminate the need to monitor a web page and add more depth to the system. There are several integrations available today, please visit this [link](#) to learn more.

SUPPORTED CAMERAS

Pelco Calipsa is compatible with most IP cameras and IP encoders from various manufacturers. Please contact your sales representative for further details.



TECHNOLOGY INTEGRATIONS

Pelco provides a vast array of technology integrations that allows users to seamlessly integrate Pelco's VideoXpert and cameras with third-party cameras and common systems. Prioritize the safety of your communities with the help of over 200 integrations available along with powerful video analytics to increase the efficiency of security.



TECHNOLOGY INTEGRATIONS

Integrations provide connectivity to common systems used in conjunction with Pelco video management system, VideoXpert®. There are two types of VideoXpert integrations. The first is a programmatic middleware integration for sharing alarms, events and controls, in addition to sending live or recorded video from VideoXpert to the partner application. The second common type of integration is a VxOpsCenter Plugin, which allows a partner integration to be integrated into the VideoXpert Operations client user interface, providing access to the partner application from within VideoXpert.

Today we have over 200 integrations in total. Of those integrations, some are created by Pelco and others by Pelco technology partners to meet the needs of our customers.

ACCESS CONTROL

Integrates into third party access control systems to send, receive and search events, control access, playback video and place door icons on VideoXpert Maps.

ANALYTICS

Integrates into third party analytics systems to obtain analytics capabilities from other applications.

ASCII

Capable of listening for ASCII commands on a serial port, Ethernet port or optionally both simultaneously to enable the commands to be translated from ASCII into the protocol used by VideoXpert.

AUDIO

Provides bi-directional audio capabilities into VideoXpert.

BUILDING MANAGEMENT

Provides building management capabilities to control cameras, recordings and events within VideoXpert.

EVENT MONITORING

Capable of being configured to poll for alarms from various devices, taking the alarm data gathered and performing various actions within VideoXpert when an alarm state change occurs.

FACIAL RECOGNITION

Provides human face detection based on VideoXpert video streams. Operators can be notified of specific visitor presence from a predefined list. Correspondingly, notification of unauthorized visitors in specific areas can also be provided. Recorded video can also be searched and identified based on facial images.

RTSP

Enables the ability to direct video streams from VideoXpert systems to third-party clients.

FIRE DETECTION

In case of fire, information about the fire is displayed on the screen in the form of a video pop-up. The camera or cameras that match the device where the fire alarm originates from are automatically turned on and recorded.

GUNSHOT DETECTION

Identifies gunfire sounds and the location and reports from within the VideoXpert user interface.

PEOPLE COUNTING

Automates the counting of people entering and exiting your facility within VideoXpert by leveraging the AI-powered Pelco Advanced Analytics Suite embedded in select Pelco Enhanced Series cameras.

PERIMETER DETECTION

Provides zone/sector specific events to support VideoXpert actions such as camera viewing, PTZ or other customer desired rule actions.

SCADA SYSTEM

Provides Supervisory Control and Data Acquisition (SCADA) systems capabilities to control cameras, recordings and events within VideoXpert.

SMOKE DETECTION

Enables events generated from a smart sensor, such as vape detection, to be received by VideoXpert, and actions can be taken to respond within the video management system.

SIMPLE NETWORK MANAGEMENT PROTOCOL (SNMP)

Checks status of VMS and camera health and sends SNMP events to a third-party SNMP trap monitor.

[CLICK HERE FOR MORE INFORMATION ON INTEGRATIONS](#)

SEAMLESS INTEGRATION WITH MILESTONE AND GENETEC

Pelco is excited to announce official support of full functionality for both Milestone and Genetec Video Management Systems (VMS) for all Pelco cameras. This builds on a long history of testing and validation, completed independently by both Pelco and each VMS provider for every new product and subsequent software update before cameras are listed on the VMS' supported device lists. Seamless integration allows for the most complete and complementary VMS experience — fortifying Pelco's position as a flexible camera platform, built for any VMS.



MAKE THE MOST OF CAMERA FUNCTIONALITY

Optimized PTZ controls for precise control and zoom functionality, full audio capabilities, validated I/O port functionality, and tested de-warping to optimize your camera and VMS experience.

Ensure tight security with the latest software: Pelco, Genetec, and Milestone all work in unison to continually test functionality with every software and firmware update — on both the VMS and camera sides. Ensure your VMS and camera system maintain all security patches and bug fixes with no loss of functionality, and limit the risk of security branches.

Growing intelligence makes detection more effective: Detect up to 50 objects in a scene, even if they are stationary, providing greater accuracy for perimeter protection and in crowded environments. Expanded object classification goes beyond people and vehicles to include distinguishing between cars, trucks, buses, motorcycles, and bicycles.

Pelco provides additional plug-ins for both Genetec and Milestone to unlock a greater set of features and enhance ease of use for Pelco cameras within the VMS user interface. Installers for these plug-ins can be downloaded for free from pelco.com.



BODY-WORN CAMERAS

Motorola Solutions' VB400 cameras are designed to capture first-person perspective video and audio of incidents and integrate seamlessly with various VMS solutions.

Body-worn cameras can augment existing fixed video security deployments by displaying body-worn camera footage alongside fixed camera feeds to expedite response times, protect staff and dispute false claims.



VB400 BODY-WORN CAMERAS

The Motorola Solutions VB400 body-worn camera has been designed for front-line workers who regularly encounter threats of abuse. With its rugged exterior and shift-long recording, the VB400 provides footage of events as they occur, allowing immediate response and providing indisputable evidence. When implemented alongside fixed-video deployments and integrated with a VMS, activation of a VB400 camera displays the camera's live video feed to the system operator alongside video feeds from fixed cameras.

SPECIFICATIONS



VB400

Model Name	Indoor / Outdoor	
Part Number	VB-440-64-OR-N VB-440-64-VF-N	VB-440-64-KF-N VB-440-64-ALIG
Dimensions	2.7 x 3.5 x 1.04 in (68 x 89 x 26.6 mm)	
Weight	5.7 oz (162 g), plus mounting	
Charging	Up to eight hours from a fully flat battery	
Bluetooth	BT 2.1 + EDR, BLE 4.2	
Recording Storage	64 GB	
Recording Time	Up to 12 hours	
Battery On Standby	48 hours	
Battery Type	Lithium-Polymer	
Horizontal Field of View	120 degrees	
Peer-Assisted Recording	Within 32.8 ft (10 m) of another device	
WiFi Specification	802.11 a/b/g/n (2.4 GHz & 5 GHz)	
WiFi Security	WPA2-PSK	
WiFi Streaming	640 x 360, 25 or 30 fps	

KEY FEATURES



RFID
Assignment



Wifi
Enabled



Integrates With
VideoManager Software



Up to Six Months
Standby Battery



Audio Recording
Capabilities

LEARN MORE



DATASHEET

VB400 BODY-WORN ACCESSORIES



VB400

Model Name

Indoor / Outdoor

Part Number

VB-440-64-QR-N

VB-440-64-KF-N

VB-440-64-VF-N

VB-440-64-ALIG

Part Number

Description

VB-400-DOCK-SOLO

VB400 1-port dock

VB-400-DOCK14/US, VB-400-DOCK14/UK, VB-400-DOCK14/EU
VB-400-DOCK14/AUS, VB-400-DOCK14/ROW

VB400 14-port dock

DC-200/US, DC-200/UK, DC-200/EU, DC-200/AUS, DC-200/ROW

DockController DC-200

RF-220

RFID RF-220

RF-STICKER-10

RFID sticker-style tag (x10)

RF-CARD-10

RFID-Card (x10)

VB-400-ID-CUS-1000, VB-400-ID-CUS-5000

Custom VB400 front-button sticker (print) can be ordered in the following amounts: 1000, 5000

VB-400-QR-KFSTUD

Klick fast quick release stud

VB-400-QR-KFTILT

Klick fast quick release tilt mount

VB-400-QR-KFTILT2

Klick fast quick release wide tilt mount

VB-400-QR-SPORT

Quick release sports camera pillar

KF-HARN3

Klick fast 3-point chest harness

KF-HARN4

Klick fast 4-point chest harness

KF-HARN5

Klick fast shoulder harness

KF-SCREW

Klick fast uniform screw-on dock

KF-LOOP

Klick fast radio loop dock

KF-DOCKCLAMP

Klick fast dock clamp (pocket klik fast dock)

KF-DOCKEP

Klick fast dock epaulette

KF-MAGMOUNT2

2 Klick fast magnetic mounting set (w/ magnets)

KF-MAGMOUNT

Klick fast magnetic mounting set (w/o magnets)

KF-MOLLEVEST

Klick fast dock for molle vests



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