

FLIR SECURITY PRODUCT MATRIX

From industry-leading thermal and visible security cameras to advanced analytics, FLIR professional security products provide unparalleled intrusion detection in all lighting conditions. By capturing the heat of intruders, FLIR thermal cameras deliver unmatched short-and-long range detection at such critical locations as airports, power grids and utilities. In addition, our visible security cameras provide complimentary long-range detection, visual verification of alerts, and forensic evidence. When utilizing onboard or external analytics, FLIR security cameras can intelligently classify human and vehicles, resulting in fewer false alarms. We offer a wide range of camera configurations, including bullets, domes, and PTZ models, with multiple lens options. And because our cameras are open platform, they easily integrate into FLIR United VMS, as well as major third-party video management systems, access control systems, and sensor technologies.



FLIR ELARA™



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	FC-Series R	FB-Series O	FB-Series ID	FC-Series O	FC-Series ID
	Fixed IP Thermal Camera with Radiometrics	Fixed IP Thermal Camera	Fixed IP Thermal Camera with built-in analytics	Fixed IP Thermal Camera	Fixed IP Thermal Camera with built-in analytics
Resolution	VGA (640 x 480),	QVGA (320 x 240) VGA (640 x 480)	QVGA (320 x 240) VGA (640 x 480)	VGA (640 x 480), QVGA (320 x 240)	VGA (640 x 480), QVGA (320 x 240)
Thermal Sensor	Uncooled Sun-safe VOx Microbolometer	Uncooled Sun-safe VOx Microbolometer	Uncooled Sun-safe VOx Microbolometer	Uncooled Sun-safe VOx Microbolometer	Uncooled Sun-safe VOx Microbolometer
Thermal FOV	VGA 2 models 32° & 45° (13 & 19mm)	Five 320 x 240 models – 9°, 12°, 24°, 49° & 93° (3.7, 6.8, 12.8, 18 & 24mm) Four 640 x 480 models – 95°, 50°, 32°, & 18° (4.9, 8.7, 14, & 24mm)	Five 320 x 240 models – 9°, 12°, 24°, 49° & 93° (3.7, 6.8, 12.8, 18 & 24mm) Four 640 x 480 models – 95°, 50°, 32°, & 18° (4.9, 8.7, 14, & 24mm)	4° to 69° QVGA, 9 models (9 to 75mm) 8° to 90° VGA, 8 models (7.5 to 75mm)	4° to 69° QVGA, 9 models (9 to 75mm) 8° to 90° VGA, 8 models (7.5 to 75mm)
Wide Dynamic Range Thermal	Yes	Yes	Yes	Yes	Yes
Video Outputs	IP & Analog	IP & Analog	IP & Analog	IP & Analog	IP & Analog
Video	Dual stream H.264, MPEG-4 & MJPEG	Dual stream H.264 & MJPEG	Dual stream H.264 & MJPEG	Dual stream H.264, MPEG-4 & MJPEG	Dual stream H.264, MPEG-4 & MJPEG
ONVIF Conformance	Profile S	Profile S	Profile S	Profile S	Profile S
Ingress Rating /Min. Oper. Temp.	-50°C to 70°C (-58°F to 158°F) continuous operation -40°C to 70°C (-40°F to 158°F) cold start IP66 and IP67	-40°C to 50°C (-40°F to 122°F) cold start IP66	-40°C to 50°C (-40°F to 122°F) cold start IP66	-50°C to 70°C (-58°F to 158°F) continuous operation -40°C to 70°C (-40°F to 158°F) cold start IP66 and IP67	-50°C to 70°C (-58°F to 158°F) continuous operation -40°C to 70°C (-40°F to 158°F) cold start IP66 and IP67
Anti-Ice/De-Ice	Yes	No	No	Yes	Yes
Power Inputs	PoE, PoE+, 18-32 VAC, 18-44 VDC	12 VDC, 24VAC, PoE	12 VDC, 24VAC, PoE	PoE, PoE+, 14-32 VAC, 11-44 VDC	PoE, PoE+, 14-32 VAC, 11-44 VDC
High Performance Surge Protection	Yes	Yes	Yes	Yes	Yes
Warranty Period	3 Years on Cameras, 10 Years on Thermal Sensor				



	PT-Series HD	PT-602CZ HD	A310PT	F-Series ID
Resolution	Thermal VGA (640 x 480) Visible – Full HD 1080p	Thermal VGA (640 x 480) Visible – Full HD 1080p	Thermal QVGA (320 x 240) Visible – D1 Radiometric Measurement	Fixed IP Thermal VGA (640 x 480) with built-in analytics
Thermal Sensor	Uncooled Sun-safe VOx Microbolometer	Cooled Sun-safe FPA Detector Technology	Uncooled Sun-safe VOx Microbolometer	Uncooled Sun-safe VOx Microbolometer
Thermal FOV	Continuous optical zoom model 6° to 24° (26 and 105mm) 5 fix lens models 8° to 44° (13 to 75mm)	Continuous optical zoom model 2° to 28° (19 to 275mm)	25° Standard (7°/15°/45°/90° options available)	VGA 5 models 8° to 44° (13 to 75mm)
Wide Dynamic Range Thermal	Yes	Yes	No	Yes
Pan Angle/Speed Tilt Angle/Speed	Continuous 360°, 0.1° to 60°/sec +90° to -90°, 0.1° to 30°/sec	Continuous 360°; 0.1° to 60°/sec +90° to -90°, 0.1° to 30°/sec	Continuous 360°, 0.1° to 60°/sec +90° to -90°, 0.1° to 30°/sec	Fixed
Video Outputs	IP & Analog	IP & Analog	IP & Analog	IP & Analog
IP Video	Dual stream H.264 & MJPEG for each sensor	Dual stream H.264 & MJPEG for each sensor	Dual stream H.264, MPEG-4 & MJPEG	Dual stream H.264 & MJPEG
Visible Camera	CMOS, 30x optical zoom with auto-focus and 12x digital zoom FOV 63.7° to 2.3°	CMOS, 30x optical zoom with auto-focus and 12x digital zoom FOV 63.7° to 2.3°	HAD CCD, 36x optical zoom, 12x digital FOV 57.8° to 1.7°	No
ONVIF Conformance	Profile S	Profile S	Profile S	Profile S
Ingress Rating /Min. Oper. Temp.	-40°C to 70°C (-40°F to 158°F) cold start IP66	-32°C to 55°C (-25°F to 131°F) cold start IP66	-25°C to 50°C (-13°F to 122°F) IP66	-50°C to 70°C (-58°F to 158°F) continuous operation -40°C to 70°C (-40°F to 158°F) cold start IP66
Anti-Ice/De-Ice	Yes	Yes	Yes	Yes
Power Inputs	24 VAC, 24 VDC	24 VAC, 24 VDC	24V AC, 24 VDC	24 VAC, 24 VDC
High Performance Surge Protection	Yes	Yes	Yes	Yes
Warranty Period	2 Years on Cameras, 10 Years on Thermal Sensor			



1080p IR PTZ	
Resolution	1080p 1920 x 1080 @ 30/25 fps
Image Sensor	1/2.8" CMOS
WDR support	sWDR
Focal Length/FOV (H)	30x Continuous Zoom Lens 4.3 to 129mm 2.6°–68.7° HFOV
Built-in IR	Yes – Up to 200m (656 ft.)
ONVIF Conformance	Profile S/G
Edge Storage Support	microSDx C up to 128GB (Class 10)
Audio Support	Yes/Full Duplex
Ingress Rating / Operating Temperature	IK10 Upper / IK8 Lower IP66 Overall -45° to 50° C (-49° to 122° F)
Power Inputs	PoE++ 802.3bt 60W, 12VDC, 24VAC
Warranty Period	2 Years

DH-390 Dome	
Resolution	320 x 120 native, 960 x 360 VividIR
Thermal Sensor	Uncooled Sun-safe VOx Microbolometer @ 10 fps
Pixel Pitch	12 µm
Optical Characteristics	2x Lepton 3.5, HFOV 57° each Min. Stitched, HFOV 90°, f/1.1 Thermal sensitivity <50 mK
Visible Camera	1900 x 1080, 2.1MP, 1/2.8" @ 30 fps 3mm f/1.6 lens, P-Iris with auto-focus Automatic white balance, WDR
Video	Dual stream H.264, MJPEG
ONVIF Conformance	Profile S
Day / Night Mode	Automatic with 940nm NIR LEDs for very low light scenes. White light LEDs automatic on event for color detail.
Ingress rating / Operating Temperature	-40°C to 60°C without LEDs enabled, with LEDs (40°C max) IP66
Power Inputs	POE, 12VDC (10-14 VDC), 24 VDC (21-30 VDC), 24 VAC (21-30 VAC)
High Performance Surge Protection	Yes
Warranty Period	3 Years

FLIR United VMS™



LATITUDE		HORIZON (Sold with USS Servers only)		Meridian and USS Edge
	Minimum Server Specification	Recommended Server Specification	Rackmount Servers (1U & 2U)	2TB or 4TB
Type	VMS	VMS	NVR	NVR with built-in 8-port POE
Operating System	Windows Server 2012 R2 64-bit	Windows Server 2016 64-bit	Microsoft Windows Server 2016 Standard Embedded	Windows 10 IoT Enterprise 64 bit
Processor	Intel Quad Core Xeon 2.0 GHz or better	Intel E5-2620 v4 or better	See the datasheet of the USS Server model you choose to deploy with Horizon	Intel Core i3-4330
Cameras	N/A	N/A	Up to 180 cameras	8 or 16 cameras
Channels	N/A	N/A	Pre-licensed with 24 built-in camera channels Additional channels available for purchase	Meridian: Pre-licensed with 8 or 16 camera channels USS Edge: SW purchased separately
Storage	7200 RPM Standalone configured as independent physical and logical drive(s)	7200 RPM RAID5 or RAID6 Array RAID5 with Hot Spare	See the datasheet of the USS Server model you choose to deploy with Horizon	120GB SSD for OS and SW 2TB or 4TB HDD SATA
Network Interface	(2) 1Gbps	(2) 1Gbps	See the datasheet of the USS Server model you choose to deploy with Horizon	Dual NIC 10/100/1000 Mbps RJ-45
Weight	N/A	N/A	See the datasheet of the USS Server model you choose to deploy with Horizon	3 kg
Display – Frames Per Second	N/A	N/A	N/A	2TB: 165 fps 4TB: 210 fps
Recording Throughput	N/A	N/A	See the datasheet of the USS Server model you choose to deploy with Horizon	2TB: 50 Mbps 4TB: 70 Mbps
Memory	4GB	16GB	See the datasheet of the USS Server model you choose to deploy with Horizon	2TB: 4GB 4TB: 8GB
Warranty	SW support period: 3 years, additional 2 years for expansion only			3 years HW warranty, SW support period: 3 years, additional 2 years for expansion only



	SMB Elite Server	Enterprise 1U Server	USS Premium 2U Server	Enterprise 2U Server	USS Client Dual Monitor	USS Client Quad Monitor	USS Client Quad Monitor High Performance	General-Purpose Client Workstation
Form Factor	1U Rack Server	1U Rack Server	2U Rack Server	2U Rack Server	Workstation – Small Form Factor			Compact Form Factor with VESA Mount
Operating System	Microsoft® Windows Server 2016 64-bit	Microsoft® Windows Server 2016 64-bit	Microsoft® Windows Server 2016 Embedded	Microsoft® Windows Server 2016 64-bit	Microsoft® Windows 10 Professional (x64)			Microsoft® Windows 10 Professional (x64)
Processor	Enterprise Quad-core Intel® Xeon® E3-1200 v5 Family	1K: Enterprise Eight-core Intel® Xeon® Silver / 10K: Dual Enterprise Eight-core Intel® Xeon® Gold	Enterprise Eight-core Intel® Xeon® Silver processor	Enterprise Eight-core Intel® Xeon® Silver	Enterprise Quad-core Intel® Xeon® E2-2124		Enterprise Quad-core Intel® Xeon® E2-2174	Intel® Core® i5-8500T
I/O Ports	2 PCIe slots 3 – USB 3.0 2 – USB 2.0	2 PCIe slots 2 – USB 3.0 2 – USB 2.0	1 PCIe slots 2 – USB 2.0 2 – USB 3.0	4 PCIe slots 2 – USB 3.0 2 – USB 2.0	6x USB 3.1, 4x USB 2.0, 1x RJ45, 1x Audio line-out, 1x Universal Audio Jack 1x Serial, 2x PS/2			1x half height PCIe x16 Gen3, 1x half height PCIe x4 Gen 3, 1x M.2 (22 x 80mm)
Storage	Enterprise-class, hot-swap hard drives Maximum internal storage: 24TB RAID5	OS and SW: 240GB Mirrored SSD	OS and SW: 240GB Mirrored SSD Video: Enterprise class, SATA Max Internal Storage: 112TB RAID5, RAID6, R5 with Hot Spare	OS and SW: 240GB Mirrored SSD Video: Enterprise class, NLSAS Max Internal Storage: 216TB RAID5, RAID6, R5 with Hot Spare	M.2 256GB SATA Class 20 Solid State Drive			
Communications	Embedded Dual Port 1Gb NIC	Quad Port 1Gb NIC	Embedded Dual Port 1Gb NIC	Quad Port 1Gb NIC	Integrated Gigabit Ethernet controller			Integrated Gigabit Ethernet controller
Weight	Max: 13.8 kg (30.42 lbs)	Max: 21.1 kg (46.51 lb)	31.11 kg (68.58 lb)	Max: 33.1 kg (72.91 lb)	5.26 kg (11.57 lb)			1.18 kg (2.6 lb)
Memory	8GB UDIMM RAM	1K: 16 GB RDIMM RAM 10K: 32 GB RDIMM RAM	16 GB RDIMM RAM	16 GB RDIMM RAM	8GB 2666MHz DDR4	16GB 2666MHz DDR4		8GB 2666MHz DDR4 Non ECC
Recording Throughput	All-in-one: 200 Mbps Dedicated Archiver: 300 Mbps	1K: 1,000 cameras on single directory 10K: 10,000 cameras on single directory	All-in-one: 450 Mbps Dedicated Archiver: 550 Mbps	All-in-one: 500 Mbps Dedicated Archiver: 650 Mbps	N/A			
Power	Single Hot Plug 350W, 100–240VAC 50/60Hz (auto)	Dual, Hot-plug, Redundant Power Supply, 750W, 100–240VAC 50/60Hz (auto)	Dual, Hot-plug, Redundant Power Supply, 750W, 100–240VAC 50/60Hz (auto)	Dual, Hot-plug, Redundant Power Supply, 750W, 100–240VAC 50/60Hz (auto)	260W, 100–240VAC 50/60Hz (auto)			65W, 100–240VAC 50/60Hz (auto)
Warranty	3-year Pro Support and Next Business Day On-site Service							



	CB-5222	CF-5222
	HD Bullet Camera with Built-In Analytics	HD Fixed Box Camera with Built-In Analytics
Resolution	HD 2.1MP @ 30fps	HD 2.1MP @ 30fps
Image Sensor	1/2.8" Megapixel Progressive ExmorCMOS	1/2.8" CMOS
sWDR support	Yes	Yes
Focal Length / FOV (H)	Motorized Varifocal 11-I: 3-10.5mm / Auto Focus Motorized Varifocal 21-I: 7-22mm / Auto Focus	Motorized Varifocal CF-L131-31: 3.1-8mm/Auto Iris Motorized Varifocal CF-L131-08-50: 8-50mm/Auto Iris Motorized Varifocal CF-L131-08: 8.0-80mm/Auto Iris Motorized Varifocal CF-L131-12: 12.5-50mm/Auto Iris
ONVIF Conformance	Profile S	Profile S
Alarms	In - 1, Out - 1	In - 1, Out - 1
Audio Support	Yes/ Line in/Line Out	Yes/ Line in/Line Out
Ingress Rating / Oper. Temp.	IP66 / -40° to 50°C (-40° to 122°F)	-10° to 50°C (14° to 122°F)
Power Inputs	PoE+ / PoE / 24VAC / 12 VDC	PoE+ / PoE / 24VAC / 12 VDC
Warranty Period	4 Years	



	TRK-101	TRK-101 P PTZ
	Video Encoder with built in analytics with both IP and analog input	Video Encoder with built in analytics with both IP and analog input Supports PTZ with detection on presets, PTZ tracking and hand-off from fixed camera
Supported via IP	FLIR – F-Series, FC-Series S, FC-Series R, FC-Series ID, Ariel Gen 2 & 3 & CF-6308, 3rd Party – Axis, Sony, Bosch	Quasar IR PTZ*, Quasar 30x PTZ, PT-Series, A310pt, PT-Series HD, PT-602CZ HD
IP Input	H.264 main profile, via RTSP	H.264 main profile, via RTSP
Channels	1	1
IP Video Streaming	H.264, MPEG-4 SP, MJPEG	H.264, MPEG-4 SP, MJPEG
Physical Connector	1x BNC 75Ω	1x BNC 75Ω
Frame Rate	MPEG-4 25/30 fps for all resolutions H.264 D1 half frame-rate, VGA 18 fps	MPEG-4 25/30 fps for all resolutions H.264 D1 half frame-rate, VGA 18 fps
Bit Rate	CBR (128Kbps-4Mbps), VBR	CBR (128Kbps-4Mbps), VBR
Network Video Streaming	RTP/RTSP	RTP/RTSP
Alarms/Commands	TCP/IP, HTTP	TCP/IP, HTTP
Operating Temperature	0° to 60°C (32° to 140°F)	0° to 60°C (32° to 140°F)
Alarms	In – 1, Out – 1	In – 1, Out – 1
Warranty Period	2 Years	

*Does not include 4K IR PTZ



	CM-3308 Series	CM-3304 Series	CM-3102 Series	CB-3308 Series	CB-3304 Series	CB-3102 Series	CC-3103-01-I
	IP Mini-Dome with general purpose video analytics*	IP Mini-Dome with general purpose video analytics*	IP Mini-Dome	IP Bullet with general purpose video analytics*	IP Bullet with general purpose video analytics*	IP Bullet	Corner Mount
Resolution	4K 3840 x 2160 @ 30/25 fps	Quad HD 2560 x 1440 @ 30/25 fps	1080p 1920 x 1080 @ 30/25 fps	4K 3840 x 2160 @ 30/25fps	Quad HD 2560 x 1440 @ 30/25 fps	1080p 1920 x 1080 @ 30/25 fps	2048 x 1536
Image Sensor	1/2.9" BSI CMOS	1/2.9" BSI CMOS	1/2.8" BSI CMOS	1/2.5" BSI CMOS	1/2.5" BSI CMOS	1/2.8" BSI CMOS	1/2.8" BSI CMOS
WDR support	sWDR	sWDR	dWDR	sWDR	sWDR	dWDR	dWDR
Focal Length / FOV (H)	Motorized Varifocal 3.4-9mm, 42°-104° HFOV	CM-3304-11-I: Motorized Varifocal 2.8-8.5mm, 36°-103° HFOV CM-3304-21-I: Motorized Varifocal 9-22mm, 15°- 34° HFOV	CM-3102-01-I: Fixed 2.8mm, 102° CM-3102-11-I: Motorized Varifocal 3-10.5mm, 100°- 30° HFOV	Motorized Varifocal 3.4-9mm, 42°-104° HFOV	CB-3304-11-I: Motorized Varifocal 2.8-8.5mm, 36°-103° HFOV CB-3304-21-I: Motorized Varifocal 9-22mm, 15°- 34° HFOV	CB-3102-01-I: Fixed 2.8mm, 102° CB-3102-11-I: Motorized Varifocal 3-10mm, 100°- 30° HFOV	Fixed 2.1mm / 120° HFOV x 90° VFOV
Built-In IR	Yes	Yes	Yes	Yes	Yes	Yes	Yes (discrete)
General Purpose Video Analytics *	Border Line, Counting, Area Protection, Loitering, Object Dropped, Object Removed	Border Line, Counting, Area Protection, Loitering, Object Dropped, Object Removed	N/A	Border Line, Counting, Area Protection, Loitering, Object Dropped, Object Removed	Border Line, Counting, Area Protection, Loitering, Object Dropped, Object Removed	N/A	N/A
ONVIF Conformance	Profile S/G/T	Profile S/G/T	Profile S/G/T	Profile S/G/T	Profile S/G/T	Profile S/G/T	Profile S/G/T
Edge Storage Support**	microSDXC up to 128GB (Class 10)	microSDXC up to 128GB (Class 10)	microSDXC up to 128GB (Class 10)	microSDXC up to 128GB (Class 10)	microSDXC up to 128GB (Class 10)	microSDXC up to 128GB (Class 10)	microSDXC up to 128GB (Class 10)
Audio Support	Yes/Full Duplex	Yes/Full Duplex	Audio-in	Yes/Full Duplex	Yes/Full Duplex	Audio-in	Yes/Full Duplex
Ingress Rating / Operating Temperature	IK10 / IP67 -40°C to 50°C (-40°F to 122°F)	IK10 / IP67 -40°C to 50°C (-40°F to 122°F)	IP67 / IK10 -40°C to 50°C (-40°F to 122°F)	IP67 / IK7 -40°C to 50°C (-40°F to 122°F)	IP67 / IK7 -40°C to 50°C (-40°F to 122°F)	IP67 / IK7 -40°C to 50°C (-40°F to 122°F)	IP66 / IK7 -40°C to 50°C (-40°F to 122°F)
Power Inputs	PoE 802.3af	PoE 802.3af	PoE 802.3af	PoE 802.3af	PoE 802.3af	PoE 802.3af	PoE 802.3af
Warranty Period	4 Years						

*Requires license activation

**SD / microSD card not included

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	CP-6408-21-I	CP-6302-31-I	CP-6302-31-P/-30-R	CM-6308	CM-6212/6206 Series	CF-6308
	4K IR PTZ	IP HD IR PTZ	IP HD PTZ	IP Multi-imager Panoramic	IP Mini-Dome	IP Fixed Box
Resolution	3840 x 12160 (4KUHD)	1080p 1920 x 1080 @ 30/25 fps	1080p 1920 x 1080 @ 30 fps	180 mode: 3840 x 1440 @ 30/25 fps 360 mode: 4K (4x 1080p) @ 30/25 fps	12MP @ 20 fps 6MP @ 30/25 fps	4K 3840 x 2160 @ 30/25 fps
Image Sensor	1/1.8" CMOS	1/2.8" CMOS	1/2.8" CMOS	1/2.8" BSI CMOS (x4 each)	1/1.7" (12MP) / 1/1.8" (6MP) BSI CMOS	1/2.5" BSI CMOS
WDR support	Shutter WDR, 130db	sWDR	sWDR	sWDR	dWDR	sWDR
Focal Length / FOV (H)	22x Continuous Zoom Lens Up to 8x Digital Zoom 6.4 to 138.5 mm	30x Continuous Zoom Lens 4.3 to 129mm 2.6° - 68.7° HFOV	30x Continuous Zoom Lens 4.3-129mm/360°	Fixed 3.6mm, 92° HFOV	Hemispheric 1.29mm (12MP) 1.05mm (6MP) 180° HFOV	CF-L308-11-P: 4K, 3.8-12mm, F1.4, 1/1.7" P-Iris CF-L304-11-P: 1440p 3.4-10mm, F1.6, 1/2.5" P-Iris CF-L304-21-P: 1440p 12-50mm, F1.5, 1/1.8" P-Iris
Built-in IR	Up to 200 m (656 ft.)	Yes – Up to 200m (656 ft.)	N/A	Yes	Yes	No
ONVIF Conformance	Profile S	Profile S/G	Profile S/G	Profile S/G/T	Profile S	Profile S/G/T
Edge Storage Support*	N/A	microSDXC up to 128GB (Class 10)	microSDXC up to 128GB (Class 10)	microSDXC up to 128GB (Class 10)	microSDXC up to 128GB (Class 10)	microSDXC up to 128GB (Class 10)
Audio Support	Yes/Full Duplex	Yes/Full Duplex	Yes/Full Duplex	Yes/Full Duplex	Yes/Full Duplex	Yes/Full Duplex
Ingress Rating / Operating Temperature	IK10 Upper / IK8 Lower / IP66 Overall -45° to 50° C (-49° to 122° F)	IK10 Upper / IK8 Lower IP66 Overall -45° to 50° C (-49° to 122° F)	IP66 / IK10 -45° to 50° C (-49° to 122° F)	IK10 / IP67 -40° to 50° C (-40° to 122° F)	IK10 / IP66 -10°C to 50°C (-10°F to 122°F)	IP and IK rating based on enclosure used -20°C to 50°C (-4°F to 122°F) without enclosure
Power Inputs	Universal PoE 60W, 12VDC, 24VAC (indoor/outdoor)	UPoE 802.3bt 60W, 12VDC, 24VAC	PoE++ 802.3at 60W (indoor/outdoor), PoE+ 802.3at 25W (indoor only), AC 24V ±10%	24 VAC ±10% or 802.3at PoE+	PoE 802.3af	12VFC/24VAC or 802.3af PoE
Warranty Period	2 Years			4 Years		

* SD / microSD card not included

FLIR ARIEL™



	EN-204	EN-216
	4 Channel Video Encoder	16 Channel Video Encoder
Video Compression	H.264/ MPEG-4/ MPEG-2/ MJPEG	H.264/ MPEG-4/ MPEG-2/ MJPEG
Video Input	4x BNC (1.0v p-p, 75Ω)	16x BNC (1.0v p-p, 75Ω)
Frame Rate	Primary stream: 30/25 FPS (NTSC/PAL) @ 4CIF/D1 Secondary stream: 12 FPS @ 4CIF/D1	Primary stream: 30/25 FPS (NTSC/PAL) @ 4CIF/D1 Secondary stream: 12 FPS @ 4CIF/D1
Resolution	D1/4CIF/2CIF/CIF/QCIF	D1/4CIF/2CIF/CIF/QCIF
ONVIF Conformance	Profile S	Profile S
Audio	4x line input terminal block, G.711u	16x line input terminal block, G.711u
Alarms	In - 4, out - 2	In - 16, out - 4
Working Temperature	-10° to 55°C (14° to 131°F)	-10° to 55°C (14° to 131°F)
Power	802.3af PoE or 12 VDC	12 VDC
Warranty Period	3 Years	

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Real-time Streaming	Video: H.264 Main profile Audio: Advanced Audio Coding (AAC)
Real-time Communication	Built-in 4G LTE Support (nano-SIM)
LED on Screen Display	Battery level (%), network signal strength, recording, streaming and event information
Battery	Up to 12 hours
Onboard Recording	Video: 1080p 25 fps H.264 Main profile Audio: Advanced Audio Coding (AAC)
Recording Capacity	Up to 24 hours (under 2350 kbps)
Location	GPS/GLONASS/Galileo
Weight and Dimensions	Sensory: 31g, 25 x 26 x 79 mm PCS: 290g, 80 x 122 x 30 mm
Temperature Range	14°F to 113° F (-10°C to 45°C)
Weather Protection	IP55 (rain, dirt, dust) Sensory IP55 (rain, dirt, dust)
Battery Charging	6 hours full charge
Data Sync	Up to 60:1 offload rate
Automatic Device Update	Firmware, Software
Input Power	USB for sensory, PoE for charging hub
Warranty	1 year

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