

	FLIR AX8	FR-C Series	FLIR A310	FLIR A50/A70 Smart Sensor		FLIR A400/A500/A700 Smart Sensor	
				Standard	Advanced	Standard	Advanced
Thermal resolution	80 × 60	320 × 256 640 × 512	320 × 240	464 × 348 640 × 480	464 × 348 640 × 480	320 × 240 464 × 348 640 × 480	320 × 240 464 × 348 640 × 480
Typical size	54 × 25 × 95 mm	234 × 117 × 104 mm	170 × 70 × 70 mm	107 × 67 × 57 mm	107 × 67 × 57 mm	123 × 77 × 77 mm	123 × 77 × 77 mm
Upper measurement limit (°C)	150	110	2000	1000	1000	2000	2000
Lower operating temperature (°C)	-10	-50	-15	-20	-20	-20	-20
Digital I/O	✓		✓	✓	✓	✓	✓
Power over Ethernet (PoE)	✓	✓	✓	✓	✓	✓	✓
Athermalized lenses		✓		✓	✓	✓	✓
Motorized focus			✓			✓	✓
Complex object shape analysis			✓		✓		✓
Relay (350 mA) fault output				✓	✓	✓	✓
Built-in web interface	✓			✓	✓	✓	✓
IP66 or IP67	✓	✓		✓	✓	✓*	✓*
Wi-Fi connectivity*				✓	✓	✓	✓
Visual camera with MSX®*	✓			✓	✓	✓	✓
RTSP			✓	✓	✓	✓	✓
Built-in spot analytics function	6		10	10	10	10	10
Built-in area analytics function	6	4	10	10	10	10	10
Built-in Delta function	1		1	3	3	3	3
Built-in alarms	✓		✓	✓	✓	✓	✓
Isotherms	✓		✓	1	2	✓	✓
Iso-coverage	✓		✓	1	2	✓	✓
Ethernet IP/Modbus TCP Server	✓		✓	✓	✓	✓	✓

*Optional feature



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				Standard	Advanced	Standard	Advanced
Built-in fault diagnostics				✓	✓	✓	✓
REST-API				✓	✓	✓	✓
MQTT				✓	✓	✓	✓
Close-up lens			✓			✓	✓
Macro Mode						✓	✓
Telephoto lenses			✓			✓	✓
Very wide-angle lens (>80°)			✓	✓	✓		
ModbusTCP client					✓		✓
Built-in line analytics function					✓		✓
Built-in polyline analytics function					✓		✓
Built-in polygon analytics function					✓		✓
Pan & Tilt support					✓		✓
Multi image streaming					✓		✓
Compressed 16-bit image streaming					✓		✓
ONVIF S video and alarms		✓			✓		✓
External blackbody correction					✓		✓

*Optional feature

NOTE: Checked functions can differ. Please refer to the data sheets and user manual for more detailed descriptions.