



MULTI-SPECTRAL INTRUSION SOLUTION

FLIR SAROS™

The FLIR Saros™ line of security cameras combines multiple traditional perimeter protection technologies into a unified solution that delivers accurate, actionable alerts and verified alarm data. Saros includes multiple FLIR Lepton® thermal sensors, one or more 1080p or 4K cameras, IR and visible LED illuminators, advanced onboard analytics, two-way audio, and digital I/Os. FLIR Saros enables businesses to implement reliable, state-of-the-art outdoor intrusion detection in a cost-effective manner by minimizing the equipment required and reducing false alarms. Easy to install, Saros is ideal for such locations as construction sites, auto dealerships, schools, and critical infrastructure.

www.flir.com/saros



SINGLE UNIT SOLUTION

Multiple technologies in one device reduce operation costs.

- Multiple FLIR Lepton® thermal sensors
- High definition optical cameras
- IR and visible LED illuminators
- Advanced onboard analytics
- Two-way audio, digital input/outputs



THERMAL DETECTION WITH ANALYTICS

Thermal sensors see at night, enabling analytics to reduce false alarms.

- Wide-area monitoring through sun glare, smoke, rain, dust, and light fog
- Analytics classify humans and vehicles, improving alarm accuracy
- Actionable alerts enable security professionals to respond more effectively



DESIGNED FOR CYBERSECURITY

FLIR Saros is engineered to reduce exposure to remote security attacks.

- End-to-end encryption for setup, web, and video streams
- Eliminates the need for port-forwarding
- Configuration lockdown after initial setup for increased tamper prevention

SPECIFICATIONS

	DH-390 2MP	DH-390 8MP	MH-6180 4MP	MH-6180 16MP	MH-9270 6MP	MH-9270 24MP
Thermal Camera						
Array Format	320x120 native, 1280x640 VividIR		640x120 native, 2560x640 VividIR		960x120 native, 3840x640 VividIR	
Pixel Pitch	12 μ m					
Optical Characteristics	2 X Lepton 3.5 HFOV 57° each Min. Stitched HFOV 90° f/1.1 Thermal sensitivity <50mK		4 X Lepton 3.5 HFOV 57° each Min. Stitched HFOV 180° f/1.1 Thermal sensitivity <50mK		6 X Lepton 3.5 HFOV 57° each Min. Stitched HFOV 270° f/1.1 Thermal sensitivity <50mK	
Visable Light Camera						
Sensor Type	1920 x 1080, 2.1MP, 1/2.8"	4k, 8.42MP sensor, 1/1.8"	2 x 1920 x 1080, 2.1MP, 1/2.8"	2 X 4k, 8.42MP sensor, 1/1.8"	3 x 1920 x 1080, 2.1MP, 1/2.8"	3 X 4k, 8.42MP sensor, 1/1.8"
Lens Type	3-9mm, F1.6, P-Iris, motorized zoom/focus with auto-focus	TBD - fixed FOV min 100° HFOV	3-9mm, F1.6, P-Iris, motorized zoom/focus with auto-focus	TBD - fixed FOV min 100° HFOV	3-9mm, F1.6, P-Iris, motorized zoom/ focus with auto- focus	TBD - fixed FOV min 100° HFOV
Frame Rate Visual	30FPS	30FPS	30FPS	30FPS	30FPS	30FPS
Aspect Ratio	16:9	16:9	16:9	16:9	16:9	16:9
White Balance	Automatic	Automatic	Automatic	Automatic	Automatic	Automatic
Back Light Compensation (BLC)	Yes	Yes	Yes	Yes	Yes	Yes
Day Night Mode	Automatic with White light and NIR (auto selecting based on event)	Automatic with White light and NIR (auto selecting based on event)	Automatic with White light and NIR (auto selecting based on event)	Automatic with White light and NIR (auto selecting based on event)	Automatic with White light and NIR (auto selecting based on event)	Automatic with White light and NIR (auto selecting based on event)

CORPORATE HEADQUARTERS

FLIR Systems, Inc.
27700 SW Parkway Ave.
Wilsonville, OR 97070
PH: +1 877.773.3547

SANTA BARBARA

FLIR Systems, Inc.
6769 Hollister Ave.
Goleta, CA 93117
PH: +1 805.690.6600

www.flir.com
NASDAQ: FLIR

Equipment described herein is subject to US export regulations and may require a license prior to export. Diversion contrary to US law is prohibited. Imagery for illustration purposes only. Specifications are subject to change without notice. ©2018 FLIR Systems, Inc. All rights reserved. 04/30/2018

17-1746-OEM



The World's Sixth Sense®