



MULTI-SPECTRAL INTRUSION SOLUTION

FLIR SAROS™ DOME

The FLIR Saros™ Dome combines multiple traditional perimeter protection technologies into a unified solution that delivers accurate, actionable alerts and verified alarm data. The Saros Dome includes multiple FLIR Lepton® thermal sensors, a 1080p or 4K camera, IR and visible LED illuminators, advanced onboard analytics, audio talk-down, and digital I/Os. It 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 Dome 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 camera
- IR and visible LED illuminators
- Advanced onboard analytics
- Audio talk-down, 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
Thermal Camera		
Array Format	320x120 native, 960x360 VividIR	
Pixel Pitch	12 μm	
Max Frame Rate Thermal	10FPS	10FPS
Optical Characteristics	2 X Lepton 3.5 HFOV 57° each Min. Stitched HFOV 90° f/1.1 Thermal sensitivity <50mK	
Visible Light Camera		
Sensor Type	1920 x 1080, 2.1MP, 1/2.8”	4k, 8.42MP sensor, 1/1.8”
Lens Type	3mm / F1.6, P-Iris with auto-focus	TBD - fixed FOV min 100° HFOV
Max Frame Rate Visual	30FPS	30FPS
Aspect Ratio	16:9	16:9
White Balance	Automatic	Automatic
Wide Dynamic Range (WDR)	Yes	Yes
Day Night Mode	Automatic with 940nm NIR LEDs for very low light scenes. White light LEDs automatic on event for color detail.	Automatic with 940nm NIR LEDs for very low light scenes. White light LEDs automatic on event for color detail.

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