



MULTI-SPECTRAL INTRUSION SOLUTION

FLIR SAROS™ DH-390 DOME camera

The FLIR Saros™ DH-390 Dome combines multiple traditional perimeter protection technologies into a unified solution that delivers accurate, actionable alerts and verified alarm data. The Saros DH-390 Dome includes dual FLIR Lepton® thermal sensors, a 1080p 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, the Saros DH-390 Dome is ideal for such locations as construction sites, auto dealerships, schools, and critical infrastructure.

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SINGLE-UNIT SOLUTION

Multiple technologies in one device reduce operation costs.

- Dual 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

The FLIR DH-390 Saros Dome 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

Thermal Camera

Array Format	320x120 native, 960x360 VividIR
Pixel Pitch	12 µm
Max Frame Rate Thermal	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"
Lens Type	3mm / F1.6, P-Iris with auto-focus
Max Frame Rate Visual	30FPS
Aspect Ratio	16:9
White Balance	Automatic
Wide Dynamic Range (WDR)	Yes
Day Night Mode	Automatic. 940nm LEDs for supplemental low-light illumination.
Power	PoE (802.3af, Type 1, Class 3), 12VDC, 24VAC. <5 Watts typical, <12 Watts with IR LEDs. No heater or blower.

Mechanical

Weight	3.75lbs / 1700g
Case	IP66 / NEMA 4X rated
Operating Conditions:	-40 to +60°C
Dimensions:	Base: 6.13" / 156mm
Protrusion:	6.74" / 171mm (with sunshield)

Analytics

Analytics	Person and vehicle object classification Cross-line detection Object in region Rule dependency/multi-rule trigger Event notification via relay out, white light LED activation, ONVIF, API/Cloud integration
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