



**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.

[www.flir.com/saros](http://www.flir.com/saros)



## 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	
Resolution	320x120 native, 960x360 VividIR
Thermal Sensor	Uncooled Sun-safe VOx Microbolometer
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 @30 fps
Lens Type	3mm / F1.6, P-Iris with auto-focus
Max Frame Rate Visual	30FPS
White Balance	Automatic
Wide Dynamic Range (WDR)	Yes
General	
Day / Night Mode	Automatic with 940nm NIR LEDs for very low light scenes. White light LEDs automatic on event for color detail.
Input power	PoE (802.3af, Type 1, Class 3), 12VDC (10-14 VDC), 24 VDC (21-30 VDC), 24 VAC (21-30 VAC)
Video	Dual stream H.264, MJPEG
Mechanical	
Weight	3.75lbs / 1700g
Operating Conditions	-40 to +60°C without LEDs enabled, 40°C max with LEDs
Dimensions	Base: 6.13" / 156mm
Protrusion	6.74" / 171mm (with sunshield)
ONVIF Conformance	Profile S
High Performance Surge Protection	Yes
Ingress rating	IP66
Warranty	3 years
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

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

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19-2095-SEC



The World's Sixth Sense®