

LS-SERIES

Compact Thermal Night Vision Monocular



A TACTICAL ADVANTAGE IN THE PALM OF YOUR HAND

Introducing FLIR LS-Series, the newest compact thermal night vision camera designed specifically for law enforcement. For years, law enforcement agencies around the world have been using FLIR's handheld systems for surveillance, pursuit, capture and evidence gathering. All of FLIR's considerable experience in law enforcement and military applications culminates in FLIR LS-Series.

No matter how clever a suspect may be, they can't hide their heat. Rather than rush on the scene with a flashlight that instantly gives away your position and only illuminates your immediate area, FLIR LS is just as portable, and exponentially more effective. You can see in pitch black conditions where traditional night vision fails. You can see through smoke, dust and light fog. Even light foliage and camouflage are powerless against thermal imaging. You'll be just as successful using FLIR LS during the day as you will at night. Take away every hiding spot with FLIR LS-Series.

FLIR LS-SERIES KEY FEATURES INCLUDE:

- Palm-Sized Portability
- Light Weight – Only 12 Ounces
- Rugged, Weathertight, Ergonomic Design
- Multiple Resolution Choices for Increased Detection Range
- Up to 4x Digital e-Zoom
- White Hot, Black Hot and InstAlert™ Palettes
- 4-Button Operation: Power, Polarity, Zoom and LCD Brightness/Laser Activation
- Rechargeable Li-Ion Internal Battery
- Tactical Marking Laser



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SPECIFICATIONS

System	LS32	LS64
Detector Type	336 x 256 VOx Microbolometer	640 x 512 VOx Microbolometer
Focal Length	19 mm Fixed Focus	35 mm Fixed Focus
Field of View (H x W)	17° x 13°	18° x 14°
Digital E-Zoom	2x	2x, 4x, Continuous
Start-up	< 2 Seconds	
USB Port	Charging/Software Updates	

IMAGE PRESENTATION

Image Optimization	FLIR Proprietary Digital Detail Enhancement
Refresh Rate	30 Hz
Polarity	White Hot, Black Hot, InstAlert™

PHYSICAL

Weight (with battery)	12.9 oz (365 g)
Size (L x W x H)	6.70" x 2.31" x 2.44" (172 x 58.7 x 62 mm)
Standard Warranty	2 Year Parts & Labor, 10 Year Detector

POWER

Battery Type	Internal Battery/Li-Ion
Battery Recharging	USB Cable for Internal Battery; AC Adapter
Battery Life (Thermal Imager Only)	5+ Hours Typical*

LASER

Type	Visible Red (Wavelength 630-660nm)
Class	III A/3R (US FDA/IEC)
Power	<5mW (3.5mW typical)

ENVIRONMENTAL

Rating	IP-67
Operating Temp.	-4°F to 122°F (-20°C to +50°C)
Handheld Package Includes:	LS-Series Thermal Handheld Camera, USB Cable, USB AC Adapter, Wrist Strap, Soft Drawstring Bag, Product CD
Optional Accessories	MOLLE-Compatible Belt Pouch

RANGE PERFORMANCE

Detect Man-Sized Target (1.8 m x 0.5 m)	~600 yds (~548 m)	~1200 yds (~1.09 km)
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Actual range may vary depending on camera setup, environmental conditions, user experience, and display method.

FLIR Systems, Inc.
CS World Headquarters
FLIR Systems, Inc.
70 Castilian Dr.
Goleta, CA 93117
USA
PH: + 1 877 773 3547
PH: + 1 805 964 9797
FX: + 1 805 685 2711
sales@flir.com

EUROPE
CS Eurasian Headquarters
FLIR Systems CS BV
Charles Petitweg 21
4847 NW Teteringen - Breda
Netherlands
PH: +31 (0) 765 79 41 94
FX: +31 (0) 765 79 41 99
flir@flir.com

FLIR Systems, Inc.
Corporate Headquarters
FLIR Systems, Inc.
27700 SW Parkway Ave.
Wilsonville, OR 97070
USA
PH: + 1 877 773 3547
FX: + 1 503 498 3153
sales@flir.com

www.FLIR.com

No onboard image/video capture available with LS-Series.

* 5+ hour battery life is reduced by operation of the Tactical Marking Laser.

Note: The thermal images shown are for illustrative purposes only, and may not have been taken by the camera series depicted. Equipment described herein may require US Government authorization for export purposes. Diversion contrary to US law is prohibited. ©2012 FLIR Systems, Inc. Specifications are subject to change without notice. Visit flir.com for the most up-to-date specifications. 010612

