



## THERMAL IMAGING MONOCULAR

# FLIR LS<sup>®</sup>-SERIES



The FLIR LS Series is a compact thermal monocular 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. FLIR has combined extensive experience in law enforcement and military applications with the latest technical innovation to bring you the enhanced 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. Search the scene for discarded evidence 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. Take away every hiding spot with FLIR LS Series.

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



### SUPERIOR THERMAL VISION

Advanced image processing eliminates the guesswork

- An improved eyepiece display takes full advantage of the high resolution thermal core, 5x magnification, and InstAlert™ hot object highlighting.
- Outstanding thermal image quality in the darkness or through smoke, haze, fog, rain



### SIMPLE OPERATION

Easy-to-use

- This thermal monocular has intuitive controls that make single-handed use a breeze, even with gloves on.



### PORTABLE AND RUGGED

Lightest and most compact monocular in its class

- These monoculars fit easily into pockets, packs, or the included Molle pouch.

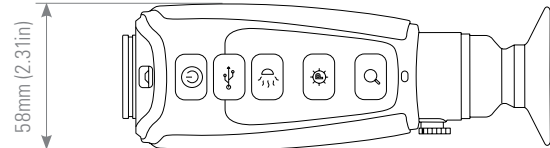
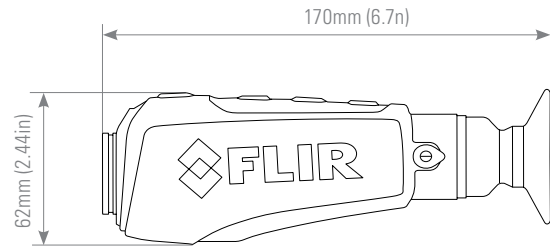
## SPECIFICATIONS

General	LS-X	LS-XR
FOV	17° × 13° NTSC	18° × 14° NTSC
Start up	< 1.5 seconds	
Waveband	7.5 - 13.5 μm	
Thermal Sensitivity	<50 mK @ f/1.0	
Detector Type	336 × 256 VOx Microbolometer	640 × 512 VOx Microbolometer
Image Processing	FLIR Proprietary Digital Detail Enhancement	
User Interface	Generic	
Splash Screen	On/Off	
Power Button	On/Off	
Zoom Button	2X & 4X	2X, 4X & 8X
Black Hot/White Hot	BH/WH/IntsAlert	
Brightness	Brightness	
Laser Pointer	Red Laser Pointer	
Image Presentation	640 X 480 LCD Display	
Built-In Display	640 X 480 LCD Display	
Video Output	NTSC composite video Thru USB port via Custom USB to RCA cable. Output switchable to PAL via user GUI	
Video Refresh Rate	<9Hz NTSC or 60 Hz	<9Hz NTSC or 30 Hz
Image Polarity	White Hot/Black Hot/InstAlert; Selectable	
On-Screen Symbology	Standard	
Power	Internal Li-Ion Cell	
Battery type	Internal Li-Ion Cell	
Battery life (operating)	>5 Hours	
Environmental	IP-67, Submersible	
Rating	IP-67, Submersible	
Operating temperature range	-20°C to +50°C (-4°F to +122°F)	
Laser =	-10°C to +50°C (-40°F to +122°F)	
Storage temperature range	-40°C to +60°C (-40°F to +140°F)	
Physical	0.34 kg (0.75 lbs)	
Weight	0.34 kg (0.75 lbs)	
Overall dimensions	170 × 58 × 62 mm (6,70 × 2,31 × 2,44 in)	
Range Performance (No Extender)*	1140 meters	
Detect Man (1.8 m × 0.5 m):	570 meters	1140 meters
Detect Small Vessel (2.3 m × 2.3 m):	1550 meters	3000 meters

### Package includes

Handheld Thermal Camera, USB Power Adapter/Charger, Wrist strap, Custom Video out cable, USB Cable, Quick Start Guide, Molle bag

Specifications are subject to change without notice.  
For the most up-to-date specs, go to [www.flir.com](http://www.flir.com)



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