THERMAL IMAGING MONOCULAR

FLIR LS®-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

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.

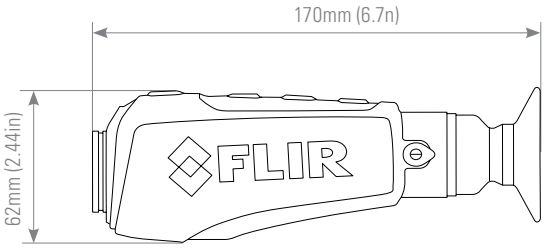
SPECIFICATIONS

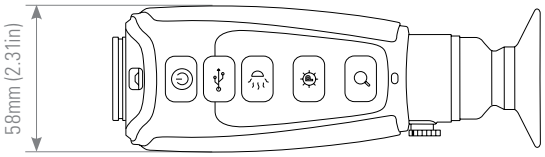
General	LS-X	LS-XR
FOV	17° × 13° NTSC	18° × 14° NTSC
Start up	< 1.5 seconds	
Waveband	7.5 - 13.5 µm	
Thermal Sensitivity	<50 mK @ f/1.0	
Detector Type	336 × 256 VOx Microbolometer	640 x 512 VOx Microbolometer
Image Processing	FLIR Proprietary Digital Detail Enhancement	
User Interface		
Splash Screen	Generic	
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		
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		
Battery type	Internal Li-Ion Cell	
Battery life (operating)	>5 Hours	
Environmental		
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		
Weight	0.34 kg (0.75 lbs)	
Overall dimensions	170 × 58 × 62 mm (6,70 × 2.31 × 2.44 in)	
Range Performance (No Extender)*		
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





FLIR OUTDOOR & TACTICAL SYSTEMS

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FLIR PRODUCT REPAIR CENTER

email: US_CBUrepair@flir.com
Register on: customer.flir.com

ORDER PLACEMENT, RETURN TO STOCK & INQUIRIES

email: OTS-Orders@flir.com

PRODUCT REGISTRATION

flir.com/support-center/support-hq/

TECHNICAL SUPPORT

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Updated 11/20/2018

18-2264-OTS

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