



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.



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

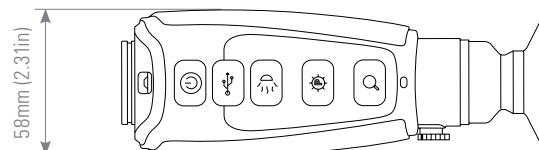
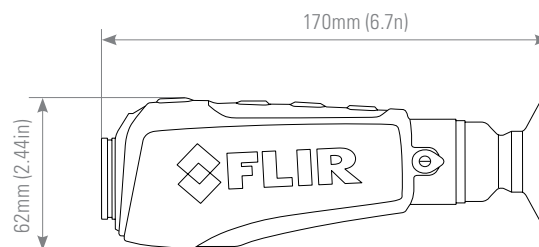
Lightest and most compact monocular in its class

- 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			



The World's Sixth Sense™

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