



# FLIR LS

THERMAL HANDHELD CAMERA

FLIR LS handheld thermal night vision monoculars are built specifically for those who serve and protect. This powerful yet simple imager gives Law Enforcement an unfair advantage whether searching for evidence or pursuing a suspect, all in the palm of your hand. Whatever you are searching for, find it with FLIR.



The World's Sixth Sense™





## SUPERIOR VISION

High resolution thermal vision with e-zoom and InstAlert

- High resolution display with ergonomic eyepiece
- Sharp thermal imaging with InstAlert hot object notifications
- Up to 5X magnification
- Analog video output

## SIMPLE OPERATION

Starts in seconds, intuitive controls, designed for single-hand use

- Multiple InstAlert levels call attention to hot objects
- Single hand design
- Red Laser pointer

## PORTABLE AND RUGGED

Handheld, fits in most pockets, rugged design

- Fits in packs, pockets or included Molle bag
- Less than a \$6000 price point makes it affordable
- Functions after dropped on hard surface or in shallow water

	FLIR LS-X	FLIR 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	
<b>USER INTERFACE</b>		
Splash Screen	Generic	
Power Button	On/Off	
Zoom Button	2X & 4X	2X, 4X & 8X
Black Hot/White Hot	BH/WH/InstAlert	
Brightness	Brightness	
Task Light/Pointer	Red Laser Pointer	
<b>IMAGE PRESENTATION</b>		
Built-In Display	640 X 480 LCD Display	
Video Output	NTSC composite video	
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	
<b>POWER</b>		
Battery Type	Internal Li-Ion Cell	
Battery Life (Operating)	>5 Hours	
<b>ENVIRONMENTAL</b>		
Rating	IP-67, Submersible	
Operating Temperature	-4°F to 122°F (-20°C to 50°C); Laser = 4°F to 122°F (-10°C to 50°C)	
Storage Temperature	-40°F to 140°F (-40°C to 60°C)	
Drop Test Rating	1 m drop	
<b>PHYSICAL</b>		
Weight	12 oz (340 g)	
Dimensions	6.70" x 2.31" x 2.44"	
<b>RANGE PERFORMANCE (NO EXTENDER)*</b>		
Detect Man (1.8 m × 0.5 m):	625yd(570m)	1250yd(1140yd)
Detect Small Vessel (2.3 m × 2.3 m):	1550 meters	3000
<b>PACKAGE INCLUDES</b>		
Handheld Thermal Camera, USB Power Adapter/Charger, Wrist strap, Custom Video out cable (320 version), USB Cable, Quick Start Guide, Molle bag		

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