

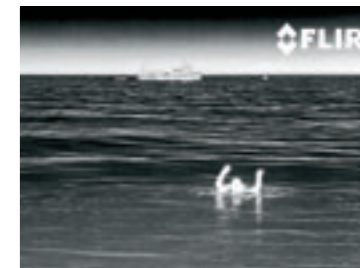


# FLIR MS-Series

Ultra-compact handheld thermal night vision cameras



prices starting at  
1,495 €\*



*The new FLIR MS-Series thermal imaging camera gives every boater the power to see clearly in total darkness. It can be used for many maritime applications. Whether you are anchored in port or sailing in the open sea, you will be able to see in total darkness.*

#### **Extremely affordable**

The FLIR MS-Series are extremely affordable units. From now on, everyone can afford thermal night vision. Price is no longer an issue. There is no longer a need to use a less effective night vision technology.

#### **Crisp thermal images**

The FLIR MS-Series are equipped with an uncooled, maintenance free, microbolometer detector. It delivers crisp thermal images in any day or night situation.

The FLIR MS-324 produces thermal images of 320 x 240 pixels. Users that do not need this high resolution can choose for the MS-224 which produces images of 240 x 180 pixels. All cameras are equipped with advanced internal camera software that delivers a crisp image without the need for user adjustments.

#### **Extremely portable and rugged**

The FLIR MS-Series are extremely compact and extremely light systems. They are ideal for go-anywhere operations, in all circumstances. They are IP67 rated.

#### **Easy-to-operate**

Ergonomic and easy-to-use, the MS-Series are fully controlled with just 4 buttons on top of the unit. Conveniently placed the buttons are all right underneath your fingertips.

#### **LED tasklight**

The FLIR MS-Series comes with a LED tasklight on the front of the unit. It can be used to illuminate a small area.

#### **Long battery life**

The FLIR MS-Series comes with long-life rechargeable Li-Ion batteries. The FLIR MS-Series operate for 5 to 7 hours on a single load.

#### **Good range performance**

The FLIR MS-324 can detect a small vessel at a distance of no less than 1.2 kilometers away. The MS-324 also comes with a 2x digital zoom so that you can have a closer look at the situation when necessary.

The right palette for any environment:

- White hot
- Black hot
- Marine Red

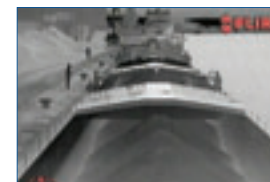
Choose from 5 levels of brightness to optimize your display.

Freeze Frame (MS-224 only)  
2x Digital Zoom (MS-324 only)

USB connectivity recharges a Li-Ion battery.

LED tasklight helps guide your way when viewer is powered off.

Standard Tripod Mount



## FLIR MS-Series specifications

System	MS-224	MS-324
Detector Type	240 x 180 VOx Microbolometer	320 x 240 VOx Microbolometer
Focal Length	19 mm	
Field of View (H x W)	24° x 18°	
Waveband	7.5 - 13.5 µm	
Freeze Frame	Yes	No
Digital E-Zoom	No	2x
Start-up from Stand-by	<5 seconds	
Focus	Automatic	
Dioptr Adjustment	+2	
USB Port	Software Updates/Upgrades	
TaskLight	LED	
Audible Alert	Indicates Camera On/Function Change	
<b>Image Presentation</b>		
Built-In Viewfinder Display	Color VGA LCD Display	
Polarity/Detection Palettes	White Hot; Black Hot; Marine Red	
Video Output	NTSC or PAL Composite Video; 9 Hz Refresh Rate	
<b>Physical</b>		
Weight (with battery)	340 g	
Size (L x W x H)	172 x 59 x 62 mm	
Fixed Use	Standard Tripod Mount	
Standard Warranty	2 Year	
<b>Power</b>		
Battery Type	Internal Camera Battery/Li-Ion	
Battery Recharging	USB Cable for Internal Battery Charging; Charging Cradle (optional)	
Battery Life (Operating)	5 to 7 Hours (nominal)	
<b>Environmental</b>		
Rating	IP-67	
Operating Temperature	-20°C to 50°C	
Camera Package Includes:	Maritime Handheld Thermal Night Vision Camera, Wrist Strap, USB Cable, Product CD; Charging Cradle (optional), Soft Carrying Pouch (optional)	
<b>Range Performance</b>		
Detect Man-Sized Target (1.8 m x 0.5 m)	320 m	~450 m
Detect Small Vessel (4.0 m x 1.5 m)	895 m	~1.23 km

Actual range may vary depending on camera set-up, environmental conditions, user experience, and display method. All specifications are subject to change without notice. Visit [flir.com](http://flir.com) for the most up-to-date specifications.

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