



FLIR M-SERIES™

NEXT GENERATION MARINE THERMAL VISION CAMERAS

The M-Series pan/tilt re-defines maritime multi-sensor system design, drawing on FLIR's 25 years of experience in building combat-proven airborne and maritime thermal imagers for militarys, coast guards, and governmental agencies around the world. With up to 640 x 480 thermal imaging, M-Series cameras let you see more – and see farther – than ever before. Even in the dead of night.



Gyro-stabilization

Now standard across the entire M-Series line



Enhanced Color Lowlight Camera

Gives you even better daylight and lowlight viewing



Latest Generation Thermal Detector

For sharper details and better image quality



Continuous E-Zoom

FLIR M-SERIES SPECIFICATIONS

	M-324S	M-324CS	M-625S	M-625CS	M-617CS
MAIN THERMAL CAMERA					
Detector Type	320 × 240 VOx Microbolometer		640 × 480 VOx Microbolometer		
Video Refresh Rate	< 9 Hz or 30 Hz (NTSC and PAL)				
Field of View	24° × 18°		25° × 20°		17° × 14°
Focal Length	19mm		25mm		35mm
Focus	Fixed 12ft (3.6m) to infinity				
Continuous E-Zoom	2x		2x 4x		
Image Processing	FLIR Proprietary Digital Detail Enhancement				
MAIN VISIBLE CAMERA					
Detector Type	N/A	1/2" Interline Transfer Lowlight CCD	N/A	1/2" Interline Transfer Lowlight CCD	
Lines of Resolution	N/A	530	N/A	530	
Minimum Illumination	N/A	1.4 Lux	N/A	1.4 Lux	
Optical Zoom	N/A	36x	N/A	36x	
E-Zoom	N/A	12x	N/A	12x	

Show less...

SYSTEM SPECIFICATIONS			
Video Tracking	No		
Firefighter Mode	No		
Pan/Tilt Adjustment Range	360° Continuous Pan, +/-90° Tilt		
Analog Video Output	NTSC or PAL, 30 Hz or <9 Hz		
Analog Video Connector Types	F-type BNC with BNC-to-RCA adapter included for video out		
Network Video Output	No		
HD-SDI Lossless Video Output	No		
Power Requirements	12-24 V DC		
Power Consumption	25 W nominal; 50 W max		
ENVIRONMENTAL			
Operating Temperature Range	-13°F to +131°F (-25°C to +55°C)		
Storage Temperature Range	-40°F to +185°F (-40°C to +85°C)		
Automatic Window Defrost	Standard at Power-Up		
Sand/Dust Ingress	Mil-Std-810E		
Water Ingress	IPX 6 (heavy seas, powerful jets of water)		
Shock	15g vertical, 9g horizontal		
Vibration	IEC 60945; MIL-STD-810E		
Lightning Protection	Standard		
Salt Mist	IEC60945		
Wind	100 knot (115.2 mph)		
EMI	IEC 60945		
PHYSICAL			
Weight	~ 9 lbs (4 kg)		
Size	7" (177.8 mm) dia. × 11.2" (284.4 mm) ht.		
RANGE PERFORMANCE			
Person in the Water	1,500ft (457m)	2,700ft (823m)	4,900ft (1,494m)

Small Vessel	4,200ft (1,280m)	1.2nm (2.2km)	2.1nm (3.9km)
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DETECTION RANGES

