

FLIR OCEAN SCOUT SPECIFICATIONS



Model Number	OS 240	OS 320	OS 640
Thermal Imaging Specifications			
Detector Type	240 x 180 VOx Microbolometer	336 x 256 VOx Microbolometer	640 x 512 VOx Microbolometer
Video Refresh Rate	<9Hz NTSC or 30 Hz		
Field of View (H x V)	24° x 18° NTSC	17° x 13° NTSC	18° x 14° NTSC
Start Up	<1.5 seconds		
Waveband	7.5 - 13.5µm		
Thermal Sensitivity	<50mK @f/1.0		
Image Processing	FLIR Propriety Digital Detail Enhancement™		

User Interface

Zoom Button	Freeze Frame	2X Zoom	2X & 4X Zoom
Black Hot / White Hot	Black Hot / White Hot /InstAlert™		
Brightness	Adjusts display brightness setting		
Task Light	LED enabled during Power Off state		

System Specifications

Display	640 x 480 LCD Display		
Video Output		Composite Video Output (320 & 640 model only)	
Image Polarity	White Hot / Black Hot / InstAlert™ selectable		

POWER

Battery Type	Internal Li-ion cell		
Battery Life (Operating)	>5 hours		

Environmental

Rating	IP-67, submersible		
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Operating Temperature	-4°F to 122°F (-20°C to 50°C)		
Storage Temperature	-40°F to 140°F (-40°C to 60°C)		
Drop Test Rating	1m drop		
Physical			
Weight (inc. lens)	12oz (340g)		
Size (l x W x H)	6.70" x 2.31" x 2.44"		
Range Performance			
Detect man (1.8m x 0.5m)	1,150ft. (350m)	1,800ft. (550m)	3,740ft. (1,140m)
Detect Small Boat	2,940 ft (895m)	5,085 ft (1,550m)	9,842ft (3,000m)