



OCEAN SCOUT PRO™

Marine Thermal Imaging Monocular



Key Features

- Up to 500 m visibility, even in the dark
- Wide 32° field of view for maximum coverage and faster area sweeps
- Rugged and reliable with IP67 rating and 2 m drop protection
- Easy-to-use menu, requiring minimal training
- Wireless video streaming through Scout Pro App (iOS only)

Key Benefits

- Navigate at night with confidence
- Avoid obstacles, floating debris and navigate safer
- Locate navigation aids
- Find people or pets in the water

www.FLIR.com/oceanscout-pro

SPECIFICATIONS

General	
Field of View (FOV)	32°
Focal length	19 mm
F-number	f/ 1.0
Focus	Fixed focus
Human detection range	500 m (540 yards)
Minimum focus distance	4 m (13 ft)
Detector frame rate	30 Hz
Display frame rate	60 Hz
Spectral range	7.5 µm - 13.5 µm
Pixel pitch	17 µm
Thermal sensitivity, NETD	<38 mK @ 30°C (86°F)
Detector Resolution	640 × 480, vox microbolometer
Image processing	FLIR proprietary Digital Detail Enhancement™
Color (housing)	Silver
Drop rating	2 m (6 ft 7 in)
IP rating	IP67
User interface	
Zoom	2x, 4x, 6x, 8x
Modes	White Hot, Black Hot, Sepia, and Heat
Disable radio and Wi-Fi	Physical On/Off switch
Image presentation	
Built-in display	XGA 1024 × 768
Video	XGA 1024 × 768
Power	
Battery life	Up to 6 hours
Battery type	Internal Li-Ion cell
Charging time	2 h at 80%

Physical	
Size (L x W x H)	19.2 cm × 6.4 cm × 6.4 cm (7.5 in × 2.5 in × 2.5 in)
Weight (incl. battery)	498 g (1 lb 2 oz)
Tripod mounting	UNC ¼"-20
Image storage	
Media gallery	Scout Pro App (iOS only)
Storage media	Embedded flash
Image storage capacity	>1000
Image storage mode	IR
File formats	Standard JPEG
Video recording	Yes
Non-radiometric IR video recording	MPEG4 AVC (ITU-T H.264)
Storage capacity	16 GB
Video streaming	Yes
Non-radiometric IR video streaming	Wi-Fi/RTSP (MPEG4 AVC (ITU-T H.264))
USB streaming	UVC (YUV422 no overlay)
Wireless connectivity	
Bluetooth	BLE
Streaming	Wi-Fi
Warranty and service	
Warranty	support.flir.com/oceanscout-pro
Ordering	
Part No.	15002-0202

Specifications are subject to change without notice.
For the most up-to-date specs, go to www.flir.com

For more information and to find your local support number, visit:
FLIR.com/contactsupport
www.FLIR.com

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OceanScout_Pro_Datasheet-Boating