



OCEAN SCOUT PRO™ Series

Marine Thermal Imaging Monoculars
for Boating



FLIR Ocean Scout Pro



FLIR Ocean Scout Pro II

Key Features

- Wireless video streaming via FLIR Responder app
- Easy to use menu, requires minimal training
- Rugged and reliable with IP67 rating and 2 m (6 ft 7 in) drop protection
- Fixed focus (Ocean Scout Pro) or manual focus (Ocean Scout Pro II)

Boating Applications

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



SPECIFICATIONS

	Ocean Scout Pro	Ocean Scout Pro II
Product name	Ocean Scout Pro	Ocean Scout Pro II
Part No.	15002-0202	15005-0202
Field of view	32°	18°
Focal length	19 mm	35 mm
F-number	f/1.0	f/1.0
Focus	Fixed focus	Manual focus
Human detection range	500 m (550 yds)	1000 m (1100 yds)
Minimum near focus distance	4 m (13 ft)	2 m (6 ft 7 in)
Frame rate	30 Hz	
Display frame rate	60 Hz	
Spectral range	7.5 – 13.5 μm	
Pixel pitch	17 μm	
Thermal sensitivity, NETD	<38 mK @ 30°C (86°F)	
Resolution	640 × 480 Vox Microbolometer	
Image processing	FLIR DDE 2.0	
User interface		
Zoom	2x, 4x 6x, 8x	
Color palettes	White Hot, Black Hot, Sepia, Heat	
Image presentation		
Built-in display	XGA 1024 × 768	
Video	XGA 1024 × 768	
Power		
Battery life & charging time	Up to 6 h battery life; 80% charge in 2 h	
Battery type	Internal Li-ion cell	

Physical		
Color (housing)	Silver & Black	
Drop rating	2 m (6 ft 7 in)	
IP rating	IP67, 1/2 hour submersible under 1 m	
Operating temperature	-15°C to 45°C (5°F to 113°F)	
Size (L × W × H)	19.2 × 6.4 × 6.4 cm (7.55 × 2.51 × 2.51 in)	21.2 × 6.4 × 6.4 cm (8.33 × 2.51 × 2.51 in)
Weight (incl. battery)	498 g (1.098 lbs)	660 g (1.455 lbs)
Tripod mounting	UNC ¼"-20	UNC ¼"-20
Communication & Storage		
Media gallery	FLIR Responder app (iOS and Android)	
Storage media	Embedded flash	
Image modes	IR	
File formats	Standard JPEG	
Video recording	Yes	

Specifications subject to change. For the most up-to-date specifications, please visit marine.flir.com



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SPECIFICATIONS (CONTINUED)

	Ocean Scout Pro	Ocean Scout Pro II
Non-radiometric IR video recording	MPEG4 AVC (ITU-T H.264)	
Storage capacity	16 GB	
Video streaming	Yes	
Non-radiometric IR video streaming	WiFi/RTSP (MPEG4 AVC (ITU-T H.264))	
USB streaming	UVC (YUV422 no overlay)	
Wireless connectivity		
Bluetooth	BLE	
Streaming	Wi-Fi	
What's included		
Handheld thermal camera USB-C cable Standard eyecup Asymmetrical eyecup Wrist strap Pouch		

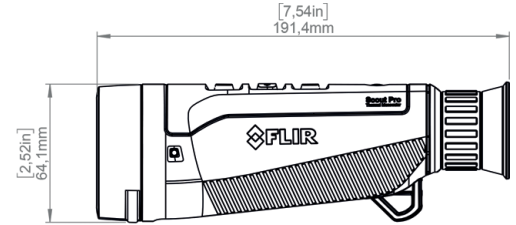
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HUMAN SIGNATURE DETECTION RANGE

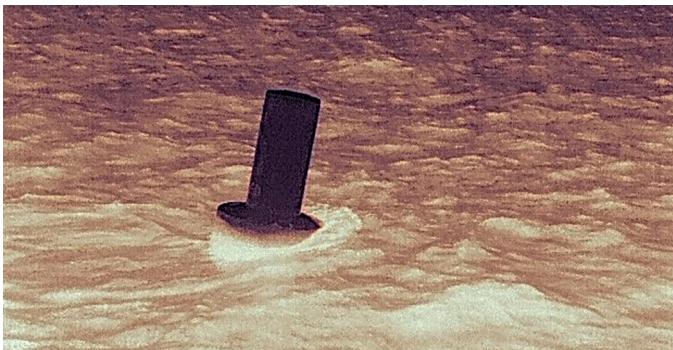
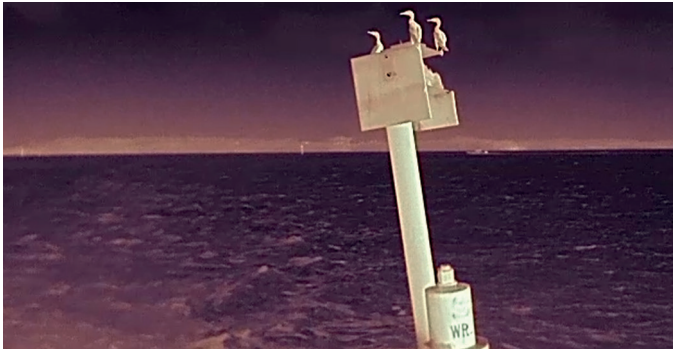
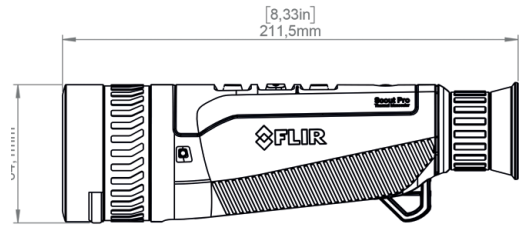


Ranges calculated using Johnson criteria

Ocean Scout Pro



Ocean Scout Pro II



Ocean Scout Pro II with optional charging station.

For technical or sales support, please visit:
www.marine.flir.com

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