



OUTDOOR THERMAL MONOCULAR

FLIR SCION® OTM

The FLIR Scion® OTM captures clear thermal imaging and leverages an easy-to-use interface to quickly detect objects of interest in complete darkness and through glaring light or haze. Built around FLIR's powerful Boson® core, the Scion OTM produces 9 Hz thermal imaging and records geotagged video and still images for playback long after the day is done. A rugged, IP67-rated housing and intuitive controls allow single-hand operation in harsh weather conditions, maintaining reliable thermal imaging in the most demanding maritime environments.

www.flir.com



LONG RANGE THERMAL DETECTION

Multiple onshore and offshore applications

When your adventure demands reliable vision at a distance, premium Scion lenses can help by detecting targets up to 1120 m away. Navigate river channels and open water with confidence, by avoiding hazards such as kayakers, small watercraft, buoys, and other boats before you get too close. And when you're off your boat and back onshore at home or outdoors you can use the SCION for exploring, for security purposes (spot people lurking in the dark), for spotting wildlife and addressing heat loss and electrical failures in the home.



IMPROVED SITUATIONAL AWARENESS AT NIGHT, IN TOTAL DARKNESS

Powered by the breakthrough FLIR Boson thermal core

As a commercial boater your top priority is safety, yet navigating at night time can be fraught with danger. The high-performance thermal lenses ranging from 13.8-36 mm and advanced image processing of the FLIR Boson thermal core will give you superb clarity in hazardous situations and in total darkness. Should the worst happen, the FLIR Scion OTM can help you to quickly identify and rescue people or pets from the waters.



OPTIONAL ACCESSORIES

Providing much needed flexibility and long lasting power - SCION's accessories are invaluable.

SCION Rechargeable Battery Kit (GPX310)*

The GPX310 lets you operate FLIR SCION for up to 10 hours. Its high-capacity 8.5Ah battery pack features a smart fuel gauge that displays on-screen battery life when the SCION is on. Added electronics protection helps prevent battery related safety incidents.

FLIR SCION Docking Station (GTX100)*

The GTX100 mounts easily to surfaces. Its built-in locking feature latches FLIR SCION securely in place even during prolonged vibration and abrupt maneuvering. When powered, the station charges FLIR GPX310 rechargeable batteries while the SCION is docked.

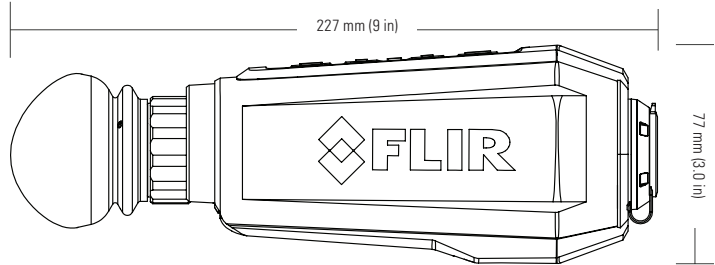
* Scion Rechargeable battery kit and docking station sold separately

SPECIFICATIONS

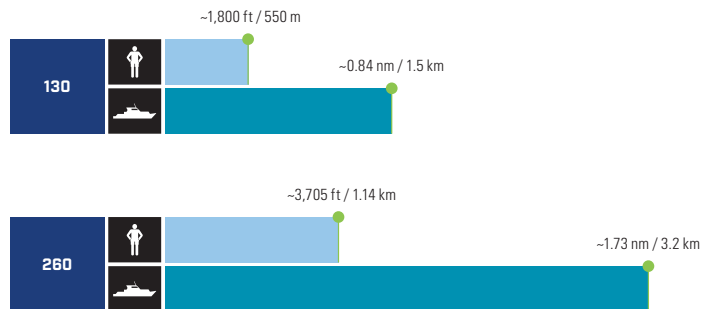
General	Scion OTM130	Scion OTM260
Core Technology	BOSON 12 μm VOx Microbolometer	
Detector Resolution	320 × 256	640 × 512
Refresh Rate	9 Hz	
Lens System	13.8 mm	
Field of View (H × W)	16° × 12°	24° × 18°
Optical Magnification	1.5x	1x
Digital Zoom	1X 2X 4X	1X 2X 4X 8X
Video Recording	Yes	
Image Capturing	Yes	
Internal Memory	2 GB Internal Storage / Optional microSD™ Card (up to 128 GB)	
Focusing Range	∞	
Eye Relief	16 mm	
Display	Quad-VGA (1280x960) High definition display	
Display Focus	Manual	
Features		
Color Palettes	White Hot; Black Hot; Iron Bow; Rainbow; Graded Fire; Lava	
Viewing Modes	Scouting, Picture-in-Picture, Lock Span Mode	
GPS	No	
Advanced media capture	Yes	
Media capturing	2 GB Internal storage / Optional micro SD™ card (up to 128 GB)	
Date/Time Stamp	Yes	
Auto Power OFF	Yes	
Magnetic Compass	Yes	
Accelerometer	Yes	
Interfacing		
USB Type	USB-C; Power In; Video Out; Video and Image File Transfer	
Power		
Battery Type / Life	6x CR123A 3V Lithium Battery / Up to 4.5 Hours at 20°C or Rechargeable battery pack / Up to 10 Hours at 20°C	
Communications		
Bluetooth™	BLE 4.1+	
Wi-Fi	Video Streaming	

Physical	Scion OTM130	Scion OTM260
size	227 x 77 x 61 mm (9x3x2.4 in)	
Weight	Without Batteries: 452 g; With Batteries 572 g	
Environmental rating	IP67 waterproof / 2m drop	
Operating Temp.	-20°C to 50°C	
Storage Temp.	-40°C to 70°C	
Color (Housing)	Gray / Black	
Mounting	1/4-20 Tripod Mount / Optional docking station	
Country of Origin	USA	
Included in Box	SCION, Battery tray, 6xCR123, USB-C cable, Black MOLLE pouch, Quick Start Guide	

100 & 200 series units



SCION OTM DETECTION RANGES*



*Actual range may vary depending on camera set-up, environmental conditions, and user experience.

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

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The World's Sixth Sense®