

FLIR SCION® OTM

Outdoor Thermal Monocular



The FLIR Scion® OTM leverages high-performance thermal imaging and a refined user interface to quickly detect objects of interest and provide superior awareness in low visibility conditions. Built around the powerful FLIR Boson® core, the Scion OTM produces smooth thermal imaging up to 60 Hz and captures 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 outdoor environments.



ONBOARD VIDEO AND IMAGE RECORDING

Revisit every wildlife encounter in sharp thermal imaging.

The Scion OTM is ready to capture any wildlife encounter with onboard video and image recording. Smooth 60 Hz thermal imaging preserves details on moving objects while internal storage and a built-in microSD™ card slot provide enough memory for the most demanding trips. Additional Bluetooth® and Wi-Fi capabilities allow simple file transfer between devices.

VERSATILE LENS OPTIONS

Available long-range lenses for the Scion family of thermal monoculars offers a new level of clarity and reach.

High performance 18mm thermal lenses offer a choice between quick, close-proximity detection and fine-tuned, long-range observation. When your adventure demands reliable vision from a distance, premium Scion lenses can detect targets up to 1000 m away. 25 mm Scion optics leverage a manual focus ring to achieve a new level of clarity among FLIR thermal monoculars.

TRUSTED THERMAL DETECTION

Powered by the breakthrough FLIR Boson thermal core.

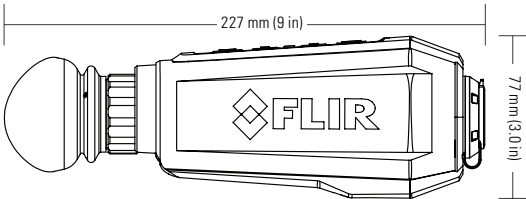
Able to perform at any time of day, thermal imaging pierces complete darkness, glaring light, and lingering haze to provide superior awareness in difficult conditions. The advanced image processing of FLIR's Boson thermal core paired with a 60 Hz image refresh rate provide smooth, unwavering vision in challenging environments.

SPECIFICATIONS

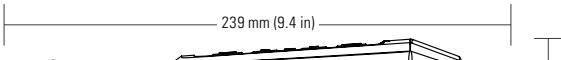
General	Scion OTM266	Scion OTM366
Core Technology	BOSON 12 μm VOx Microbolometer	
Detector Resolution	640 × 512	
Refresh Rate	60 Hz	
Lens System	18 mm	25 mm
Field of View (H × W)	24° × 18°	18° × 13°
Optical Magnification	1x	1.3x
Digital Zoom	1X 2X 4X 8X	
Internal Memory	2 GB Internal Storage / Optional microSD™ Card (up to 128 GB)	
Focus	∞	Manual
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	Yes	
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	

	Scion OTM266	Scion OTM366
Communications		
Bluetooth™	BLE 4.1+	
Wi-Fi	Video Streaming	
Physical		
Size	239 × 76.8 × 60.5 mm (9 × 3 × 2.4 in)	239×76.8×60.5mm(9 × 3 × 2.4 in)
Weight	Unit only : 452g With Batteries (6): 565g	Unit only: 567g With Batteries (6): 680g
Environmental Rating	IP67 waterproof / 2m drop	
Operating Temperature	-20°C to 50°C	
Storage Temperature	-40°C to 70°C	
Color (Housing)	Green / 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	

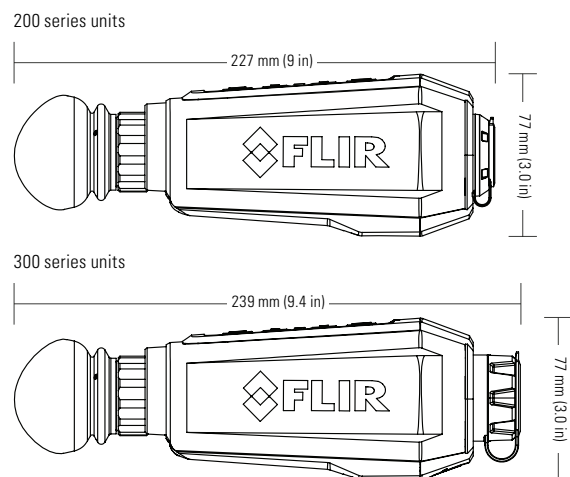
200 series units



300 series units



DETECTION RANGE PERFORMANCE



Teledyne FLIR, LLC

9 Townsend West,
Nashua, NH 03063
Phone: 1-888-959-2259
or (603) 321-7600
Fax: 1-888-959-2260

FLIR PRODUCT REPAIR CENTER

Support: <https://flir.custhelp.com/>
Register on: customer.flir.com

ORDER PLACEMENT, RETURN TO STOCK AND INQUIRIES

Email: OTS-Orders@flir.com

PRODUCT REGISTRATION

flir.com/support-center/support-hq/

TECHNICAL SUPPORT

Email: OTS_support@flir.com

This product is subject to United States export regulations and may require US authorization prior to export, reexport, or transfer to non-US persons or parties. Diversion contrary to US law is prohibited. For assistance with confirming the Jurisdiction & Classification of Teledyne FLIR, LLC products, please contact exportquestions@flir.com. ©2022 Teledyne FLIR, LLC. All rights reserved.

Revised on 02/25/22
OTS_SCION-OTM-60HZ-DS_update_22-0215