



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 outdoor environments.

www.flir.com



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. Internal storage and a built-in microSD™ card slot provide enough memory for the most demanding trips, while Bluetooth® and Wi-Fi capability 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 thermal lenses ranging from 13.8-36 mm 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 1420 m away. 25 mm and 36 mm Scion optics leverage a manual focus ring to achieve a new level of clarity among FLIR thermal monoculars.



TRUSTED THERMAL DETECTION

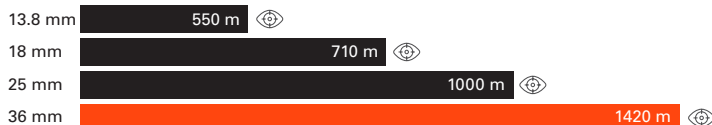
Powered by the breakthrough FLIR Boson thermal core.

Able to perform at any time of day, thermal imaging sees through complete darkness, glaring light, and lingering haze to provide superior awareness in difficult conditions. The advanced image processing of the FLIR Boson thermal core and a vivid high definition display offer superb clarity in a 9 Hz thermal image.

SPECIFICATIONS

General	Scion OTM130	Scion OTM230	Scion OTM260	Scion OTM430
Core Technology	BOSON 12 μm V0x Microbolometer			
Detector Resolution	320 × 256		640 × 512	320 × 256
Refresh Rate	9 Hz			
Lens System	13.8 mm	18 mm		36 mm
Field of View (H × W)	16° × 12°	12° × 9°	24° × 18°	6° × 4.5°
Optical Magnification	1.5x	1.9x	1x	3.8x
Digital Zoom	1X 2X 4X		1X 2X 4X 8X	1X 2X 4X
Video Recording	Yes			
Image Capturing	Yes			
Internal Memory	2 GB Internal Storage / Optional microSD™ Card (up to 128 GB)			
Focusing Range	∞			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	No	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			

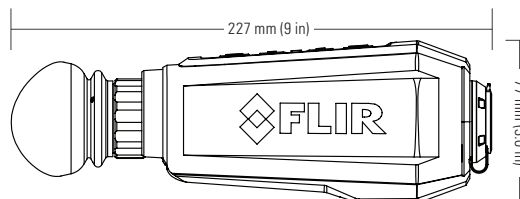
DETECTION RANGE PERFORMANCE



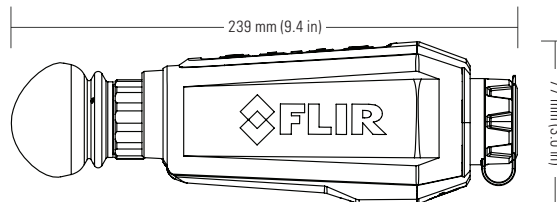
Ranges calculated using Johnson criteria (1.8 m man)

	Scion OTM130	Scion OTM230	Scion OTM260	Scion OTM430
Communications				
Bluetooth™	BLE 4.1+			
Wi-Fi	Video Streaming			
Physical				
size	227 x 77 x 61 mm (9x3x2.4 in)		239 x 77 x 73 mm (9.4 x 3 x 2.4 in)	
Weight	Without Batteries: 452 g; With Batteries 572 g		Without Batteries: 580 g; With Batteries 794 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			

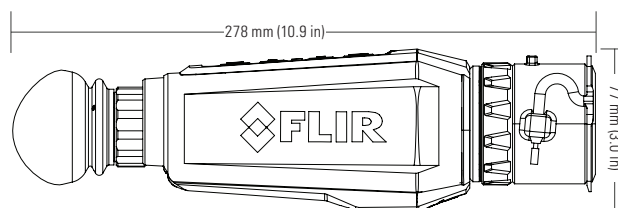
100 & 200 series units



300 series units



400 series units



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®