

FLIR SCION® OTM

Outdoor Thermal Monocular



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.



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 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.

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

Scion OTM260	
Core Technology	BOSON 12 μ m VOx Microbolometer
Detector Resolution	640 \times 512
Refresh Rate	9 Hz
Lens System	18 mm
Field of View (H \times V)	24° \times 18°
Optical Magnification	1x
Digital Zoom	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	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



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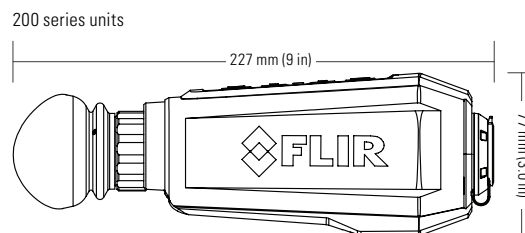
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Communications	
Bluetooth™	BLE 4.1+
Wi-Fi	Video Streaming
Physical	
size	227 x 77 x 61 mm (9x3x2.4 in)
Weight	Without Batteries: 452 g; With Batteries 572 g
Environmental rating	IP67 waterproof / 2m drop
Operating Temp.	-20°C to 50°C
Storage Temp.	-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



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