



## OUTDOOR THERMAL MONOCULAR

# FLIR SCION® OTM



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.

[www.flir.com](http://www.flir.com)



### ONBOARD VIDEO AND IMAGE RECORDING

Revisit every wildlife encounter in sharp, smooth 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 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 FLIR's breakthrough 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 OTM136   | Scion OTM236 | Scion OTM266      | Scion OTM366 | Scion OTM436 |
|------------------------|--|--------------|-------------------|--------------|--------------|
| Core Technology        | BOSON 12 $\mu$ m VOx Microbolometer  |              |                   |              |              |
| Detector Resolution    | 320 x 256  |              | 640 x 512         |              | 320x256      |
| Refresh Rate           | 60 Hz  |              |                   |              |              |
| Lens System            | 13.8 mm  | 18 mm        |                   | 25 mm        | 36 mm        |
| Field of View (H x W)  | 16° x 12°  | 12° x 9°     | 24° x 18°         | 18° x 13°    | 6° x 4.5°    |
| Optical Magnification  | 1.5x   | 1.9x         | 1x                | 1.3x         | 3.8x         |
| Digital Zoom           | 1X   2X   4X   |              | 1X   2X   4X   8X |              | 1X 2X 4X     |
| Internal Memory        | 2 GB Internal Storage / Optional microSD™ Card (up to 128 GB)  |              |                   |              |              |
| Focus                  | $\infty$   |              |                   | Manual       |              |
| Eye Relief             | 16 mm  |              |                   |              |              |
| Display                | Quad-VGA (1280x960) High definition display  |              |                   |              |              |
| Display Focus          | Manual   |              |                   |              |              |
| <b>Features</b>        |  |              |                   |              |              |
| 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  |              |                   |              |              |
| <b>Interfacing</b>     |  |              |                   |              |              |
| USB Type               | USB-C; Power In; Video Out; Video and Image File Transfer  |              |                   |              |              |
| <b>Power</b>           |  |              |                   |              |              |
| Battery Type / Life    | 6x CR123A 3V Lithium Battery / Up to 4.5 Hours at 20°C<br>or<br>Rechargeable battery pack / Up to 10 Hours at 20°C |              |                   |              |              |

## DETECTION RANGE PERFORMANCE



Ranges calculated using Johnson criteria (1.8 m man)

Specifications are subject to change without notice. For the most up-to-date specs, go to [www.flir.com](http://www.flir.com)

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### FLIR PRODUCT REPAIR CENTER

Support: <https://flir.custhelp.com/>  
Register on: [customer.flir.com](http://customer.flir.com)

### ORDER PLACEMENT, RETURN TO STOCK AND INQUIRIES

Email: [Orders@flir.com](mailto:Orders@flir.com)

### PRODUCT REGISTRATION

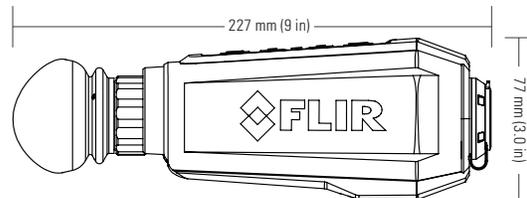
[flir.com/support](http://flir.com/support)

### TECHNICAL SUPPORT

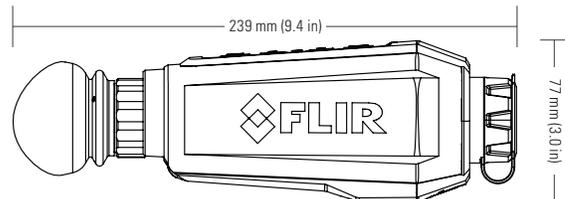
<http://customer.flir.com>

|                       | Scion OTM136  | Scion OTM236 | Scion OTM266                                | Scion OTM366 | Scion OTM436                                |
|-----------------------|---|--------------|---|--------------|---|
| <b>Communications</b> |   |              |   |              |   |
| Bluetooth™            | BLE 4.1+  |              |   |              |   |
| Wi-Fi                 | Video Streaming   |              |   |              |   |
| <b>Physical</b>       |   |              |   |              |   |
| Size                  | 239 x 76.8 x 60.5 mm<br>(9 x 3 x 2.4 in)  |              | 239 x 76.8 x 60.5 mm<br>(9 x 3 x 2.4 in)    |              | 278 x 77 x 73 mm<br>(10.9 x 3.03 x 2.87)    |
| Weight                | Unit only: 452g<br>With Batteries (6): 565g                                     |              | Unit only: 567g<br>With Batteries (6): 680g |              | Unit only: 680g<br>With Batteries (6): 793g |
| 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 |              |   |              |   |

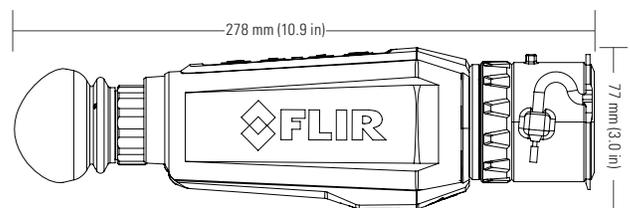
100 & 200 series units



300 series units



400 series units



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NASDAQ: FLIR

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20-0691-PVS - SCION 60HZ OTM



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