



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



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

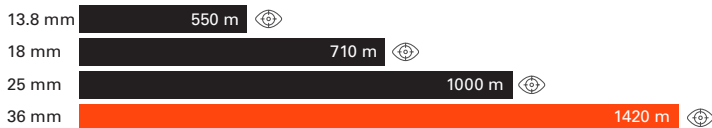
Powered by FLIR's breakthrough Boson thermal core

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 μm VOx Microbolometer				
Detector Resolution	320 × 256		640 × 512		320x256
Refresh Rate	60 Hz				
Lens System	13.8 mm	18 mm		25 mm	36 mm
Field of View (H × W)	16° × 12°	12° × 9°	24° × 18°	18° × 13°	6° × 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	∞			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

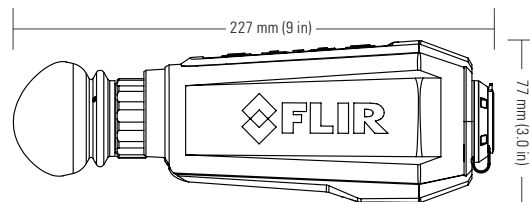


Ranges calculated using Johnson criteria (1.8 m man)

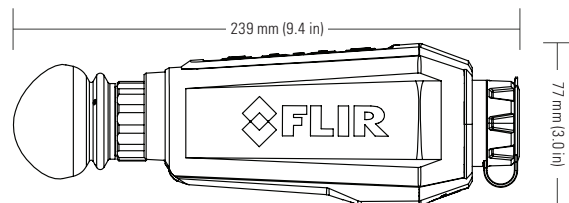
Specifications are subject to change without notice. For the most up-to-date specs, go to www.flir.com

	Scion OTM136	Scion OTM236	Scion OTM266	Scion OTM366	Scion OTM436
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)	278 x 77 x 73 mm (10.9 x 3.03 x 2.87)
Weight	Unit only : 452g With Batteries (6): 565g			Unit only: 567g With Batteries (6): 680g	Unit only: 680g 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				

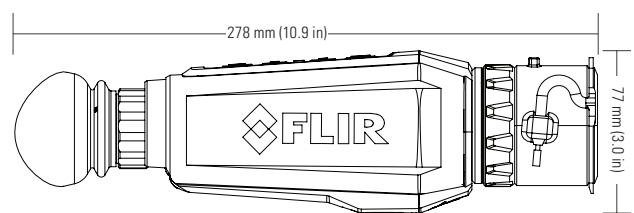
100 & 200 series units



300 series units



400 series units



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20-0691-PVS - SCION 60HZ OTM



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