\$FLIR



PROFESSIONAL THERMAL MONOCULAR

FLIR SCION® PTM

Built to equip law enforcement professionals with superior thermal surveillance, the FLIR Scion® PTM packs high-performance thermal imaging and FLIR TruWITNESS® compatibility into a rugged, IP67-rated handheld monocular. Capable of geotagged video recording and live video transmission, the Scion PTM can instantly stream encrypted thermal footage of any pursuit, evidence recovery, or search and rescue effort to the command center via wireless network. A smooth 60 Hz refresh rate and picture-in-picture zoom capture minute details from a distance and maintain peripheral awareness for constant thermal supervision of suspects, team members, and standbys.

www.flir.com



LIVE ENCRYPTED VIDEO STREAMING

Securely stream real-time thermal video to the command center via networked devices

Pairing the Scion PTM with the innovative FLIR TruWITNESS platform links powerful thermal imaging with other smart sensors on the ground, in the air, and everywhere in-between, providing enhanced situational awareness and real-time centralized information for public safety agencies.



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 14-36 mm offer a choice between quick, close-proximity detection and fine-tuned, long-range surveillance. When the mission demands reliable vision from a distance, premium Scion lenses can detect targets up to 1120 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.



SUPERIOR THERMAL DETECTION

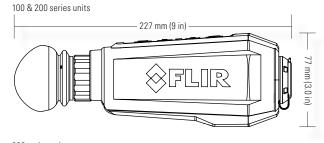
Sharp, 60 Hz thermal imaging powered by the breakthrough FLIR Boson™ thermal core

FLIR outfits law enforcement professionals with tools to counter unseen threats. 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.

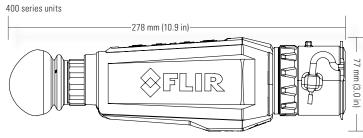
SPECIFICATIONS

General	Scion PTM166	Scion PTM336	Scion PTM366	Scion PTM466	
Core Technology	BOSON 12 µm VOx Microbolometer				
Detector Resolution	640 × 480	320 × 240	640 × 480	640 × 480	
Lens System	14 mm	25 mm		36 mm	
Field of View (H \times W)	31° × 24°	9° × 6.5°	18° × 13°	12° × 9°	
Optical Magnification	.7x	2.6x	1.3x	2.0x	
Digital Zoom	1X 2X 4X 8X	1X 2X 4X	1X 2X 4X		
Refresh Rate		60 Hz			
Video Recording	Yes				
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				
Picture While Recording (PWR)	Yes				
Media capturing	2 GB Internal storage / Optional micro SD™card (up to 128 GB)				
GPS	Yes				
Real Time Clock (RTC)	Yes				
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 PTM166	Scion PTM336	Scion PTM366	Scion PTM466			
Communications							
Bluetooth™	BLE 4.1+						
Wi-Fi	Video Steaming (ONVIF Discovery)						
NFC	Yes						
Physical							
Weight	Unit only : 452g With Batteries (6): 565g	Unit only: 567g With Batteries (6): 680g		Unit only: 680g With Batteries (6): 793g			
Size	227 × 76.8 × 60.5 mm (9 × 3 × 2.4 in)	200 , 0.0	× 60.5 mm × 2.4 in)	278 x 77 x 73mm (10.9 x 3.03 x 2.87)			
Color (Housing)	Black						
Mounting	1/4-20 Tripod Mount						
Country of Origin	USA						
Included in Box	SCION, Battery tray, 6xCR123, USB-C cable, Black MOLLE pouch, Quick Start Guide						







DETECTION RANGE PERFORMANCE



Ranges calculated using Johnson criteria

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

FLIR OUT DOOR & TACTICAL SYSTEMS

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FLIR PRODUCT REPAIR CENTER

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ORDER PLACEMENT, RETURN TO STOCK & INQUIRIES

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PRODUCT REGISTRATION

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19-2899-OTS - SCION 60HZ PTM



The World's Sixth Sense®