

- **LIVE ENCRYPTED VIDEO STREAMING**  
Securely stream real-time thermal video to the command center via networked devices.
- **VERSATILE LENS OPTIONS**  
Available long-range lenses for the Scion family of thermal monoculars offers a new level of clarity and reach.
- **SUPERIOR THERMAL DETECTION**  
Sharp, 60Hz thermal imaging powered by the breakthrough FLIR Boson thermal core.



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. High-performance thermal lenses ranging from 13.8-36 mm offer a choice between quick, close-proximity detection and fine-tuned, long-range observation and 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. 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.



# FLIR SCION PTM

Professional Thermal Monocular by FLIR

Specifications	Scion PTM 166	Scion PTM 366	Scion PTM 466
Core Technology	BOSON 12 μm VOx Microbolometer		
Detector Resolution	640 x 480	640 x 480	640 x 480
Refresh Rate	60Hz		
Lens System	14 mm	25 mm	36 mm
Field of View (H x W)	31° x 24°	18° x 13°	12° x 9°
Optical Magnification	0.7x	1.3x	2.0x
Digital Zoom	1X/2X/4X/8X	1X/2X/4X/8X	
Detection Range	430 m	770 m	1120 m
Video Recording	YES		
Image Capturing	YES		
Internal Memory	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		
Thermal Palettes	White Hot/Black Hot/Iron Bow/Rainbow/Graded Fire/Lava		
Viewing Modes	Scouting, Picture-in-Picture, Lock Span Mode		
GPS	YES		
Real Time Clock	YES		
Date/Time Stamp	YES		
Auto Power OFF	YES		
Magnetic Compass	YES		
Accelerometer	YES		
USB Type	USB-C; Power In; Video Out; Video and Image File Transfer		
Battery Type /Life	6x CR123A 3V Lithium Battery / Up to 4.5 hours at 20°C		
	Rechargeable Battery Pack / Up to 10 hours at 20°C		
Bluetooth™	BLE 4.1+		
Wi-Fi	Video Streaming (ONVIF Discovery)		
NFC	YES		
L x W x H	227 x 77 x 61 mm	239 x 77 x 61 mm	278 x 77 x 73 mm
Weight	Unit Only 452 g With Batteries 565 g	Unit Only 567 g With Batteries 680 g	Unit Only 680 g With Batteries 793 g
Colour (Housing)	Black		
Mounting	¼-20 Tripod Mount		
Standard Accessories	Battery tray, 2xCR123, USB-Cable, Black MOLLE pouch, Quick Start Guide		
Optional Accessories	Hard Waterproof Case; Cleaning Kit		