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
**SPECIFICATIONS**

### General

- **Scion PTM166**
  - Core Technology: BOSON 12 µm VOx Microbolometer
  - Detector Resolution: 640 × 480
  - Lens System: 14 mm
  - Field of View (H × W): 31° × 24°
  - Optical Magnification: 7x
  - Digital Zoom: 1X | 2X | 4X
  - Refresh Rate: 60 Hz
  - Video Recording: Yes
  - Focus: Manual
  - Eye Relief: 16 mm
  - Display: Quad-VGA (1280x960)
  - Display Focus: Manual

- **Scion PTM336**
  - Lens System: 25 mm
  - Field of View (H × W): 9° × 6.5°
  - Digital Zoom: 2.8x
  - Display Focus: Manual

- **Scion PTM366**
  - Lens System: 36 mm
  - Field of View (H × W): 12° × 9°
  - Digital Zoom: 1.3x

- **Scion PTM466**
  - Lens System: 70 mm
  - Field of View (H × W): 25° × 18°
  - Digital Zoom: 2.0x

### 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 × W)

- 31° × 24°
- 9° × 6.5°
- 12° × 9°

### Optical Magnification

- 7x
- 2.8x
- 1.3x
- 2.0x

### Digital Zoom

- 1X | 2X | 4X
- 1X | 2X | 4X
- 1X | 2X | 4X | 8X

### Refresh Rate

- 60 Hz

### Video Recording

- Yes

### Focus

- Manual

### Eye Relief

- 16 mm

### Display

- Quad-VGA (1280x960)

### 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
- 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

### DETECTION RANGE PERFORMANCE

- 13.8 mm: 430 m
- 18 mm: 580 m
- 25 mm: 770 m
- 36 mm: 1120 m

Ranges calculated using Johnson criteria

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