



PTS233



PTS536



PTS736

## THERMAL IMAGING WEAPON SIGHT

# FLIR THERMOSIGHT® PRO SERIES

The FLIR ThermoSight Pro Series® sets a new standard in thermal image quality. With multiple features packed into a compact housing, the ThermoSight Pro Series delivers brilliant, clean thermal imagery in low contrast daylight scenes, as well as in total darkness. Equipped with shot activated video recording and FLIR's patent pending High Visibility Technology (HVT) reticle, the FLIR ThermoSight Pro Series is the perfect addition to any hunting or security weapon platform. It is powered by the new FLIR Boson core, featuring a 12 µm pixel pitch sensor, industry leading on-chip video processing. The uncompressed video signal is paired with a high definition display for better detection and classification in the field.

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



### EXCEPTIONAL VISION

Advanced image processing eliminates the guesswork

- Completely digital for better detection, classification and recovery, day or night
- Built using the new FLIR Boson thermal core
- Bright, high definition FLCOS display for absolute clarity



### COMPACT, POWERFUL

Perfect balance of size and performance

- Powerful and compact hardware is protected by a robust body
- Featuring a 12 µm pixel pitch and industry leading on-chip video processing
- Outstanding thermal image quality in total darkness or through smoke, haze, fog, rain



### SUPERIOR VALUE

Packed with features for a versatile and customizable viewing experience

- On-board video recording, image capture and storage. Up to 2.5 hours of recording time or up to 1,000 pictures
- Multiple color palettes
- Digital compass/inclinometer for precise range and target orientation

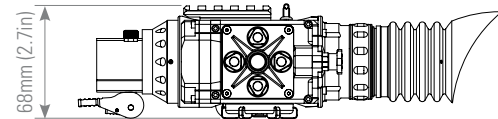
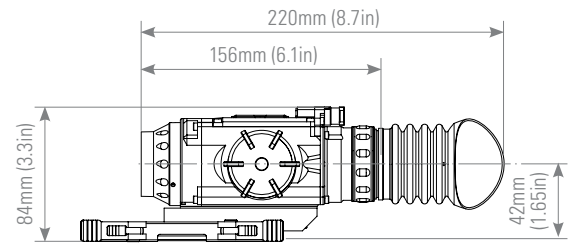
## SPECIFICATIONS

General	PTS233	PTS536	PTS736
Detector Type	320 x 256 VOx Microbolometer		
Video Refresh Rate	60 Hz		
Start Up	< 6 seconds		
Image Processing	FLIR Proprietary Digital Detail Enhancement™		
Lens system	19 mm; F/1.0	50 mm; F/1.0	75 mm; F/1.0
Optical magnification	1.5x	4x	6x
Field of View (H x V)	12° x 9.5°	4.5° x 3.5°	3° x 2.5°
Digital Zoom	2x, 4x		
Diopter Adjustment Range	-5 to +5 dpt		
Focusing Range	10 m to infinity (not focusable)	10 m to infinity	10 m to infinity
Eye Relief	45 mm		
Display	Quad-VGA (1280 x 960) FLCOS		
Video Output	Digital Video		
Temperature Imaging Modes (Image Palettes)	Outdoor Alert, Artic, Sepia, Ironbow HC, Rainbow, Black Hot, White Hot		
Reticle Type	Dot 4 MOA, Line Dot, Cross Center Dot, Cross, Crosshair, and "No Reticle"		
Reticle Color	Black, White, Red, Cyan, and High Visibility		
Boresight Adjustment Type	Digitally Controlled		
<b>User Interface</b>			
Operation Switch	On/ Off/ Standby Mode		
Control Panel Buttons	Configures Operational Settings: Display Brightness Control; Image Palette Control; Digital Zoom Control; Reticle Color Control; Reticle Pattern Control; Boresighting Adjustment; On-Screen Menu Navigation		
Diopter Adjustment Ring	Adjusts the Eyepiece Diopter		
<b>Interfacing</b>			
USB-C Connector	Digital video out; Image and video file access		
<b>Power</b>			
Battery Type	Two CR123A 3V Lithium batteries		
Battery Life (Operating)	Up to 4 hours at 20 C°		
External Power	Through USB-C port (5Vdc)		
<b>Environmental</b>			
Operating Temperature Range	-20°C to +50°C (-4°F to +122°F)		
Storage Temperature Range	-40°C to +60°C (-40°F to +140°F)		
<b>Physical</b>			
Weight	0.65 kg (1.44 lbs)	0.81 kg (1.78 lbs)	0.97 kg (2.14 lbs)
Size	220 x 68 x 84 mm (8.7 x 2.7 x 3.3 in)	259 x 68 x 84 mm (10.2 x 2.7 x 3.3 in)	283 x 89 x 93 mm (11.1 x 3.5 x 3.7 in)
Weapon Mount Type	Picatinny, MIL-STD 1913, and Weaver Rails		
Height of the Scope Axis above Rail	42 mm (1.65 in)	42 mm (1.65 in)	48 mm (1.89 in)

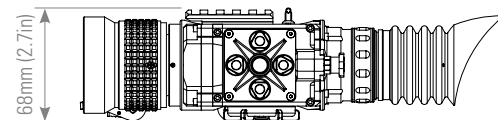
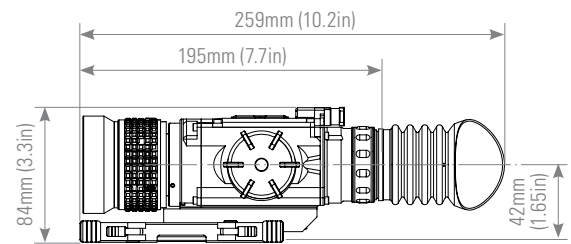
### Package Includes

Thermal Weapon Sight, Battery Cassette, USB to USB Type C Cable (3'), Quick Start Guide, Lens Cloth, Hard Case

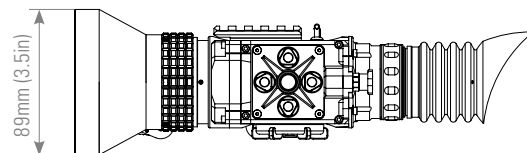
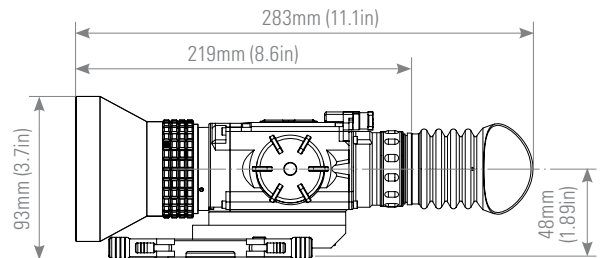
Specifications are subject to change without notice.  
For the most up-to-date specs, go to [www.flir.com](http://www.flir.com)



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Rev.1 - 12/21/17



The World's Sixth Sense®