



ARMASIGHT by FLIR **PROMETHEUS C**[®]

Thermal Imaging Monocular

The Prometheus C is a solid state, uncooled, long-wave infrared, magnified, dedicated handheld thermal imager intended for day and night engagements. The thermal imaging technology allows you to detect targets by cutting through snow, dust, smoke, fog, haze, and other atmospheric obscurants. The Prometheus C demonstrates its operational flexibility for all mission applications.

Its proprietary hyper-image processing (HIP) gives the Prometheus C a robust library of software features to tailor the image to the needs of the mission. Plus, the operator can record video using the Digital Video Recorder (DVR) or augment the battery life by attaching to external battery options.



THERMAL NIGHT VISION

- Detects small variations in temperature, so you can see heat signatures day and night without additional illumination that can give your position away

RUGGED CONSTRUCTION

- With a rugged, fiberglass-reinforced construction, Prometheus can stand up to the daily abuse of tough missions

IMAGING THAT EXCELS

- In addition to the 640x480 color LED display, the scope also features multiple color palettes and up to 8X digital zoom for extra reach

EASY TO USE

- Its simple, intuitive 3-button controls give you rapid access to digital zoom and easy to navigate drop-down menus

OUTSTANDING WARRANTY

- The limited warranty covers the system for 3 years, while the infrared detector is covered for a full 10 years



Specifications

	PROMETHEUS C 336 2-8X25	PROMETHEUS C 640 1-8X25
Sensor Specifications		
Detector type	336 x 256 VOx Microbolometer	640 x 512 VOx Microbolometer
Video refresh rate	30 or 60 Hz	30 Hz
Start up	3 seconds	
Objective lens type	Germanium	
Type of focal plane array	FLIR Tau 2	
System Specifications		
Lens system	25 mm; F/1.0	
Optical magnification	2x	1x
Field of view (H x V)	13° x 10°	25° x 20°
Digital zoom	1x, 2x, 4x	1x, 2x, 4x, 8x
Diopter adjustment range	-5 to +5 dpt	
Focusing range	0.25m to infinity	
Display	LED VGA 640x480	
Video output	PAL / NTSC (640x480 pixels)	
Temperature imaging modes (image palettes)	White Hot, Black Hot, Various Color modes	
User Interface		
Operation switch	On/ Off/ Standby mode	
Control panel buttons	Configures operational settings: <ul style="list-style-type: none"> • Display brightness control • Image palette control • Digital zoom control • On-screen menu navigation 	
Focus ring	Adjusts the objective lens focus	
Diopter adjustment rings	Adjusts the eyepiece diopter	
Special user-adjustable imaging tools		
	<ul style="list-style-type: none"> • Active Contrast Enhancement (ACE) - "CONTRAST" • Second Generation Digital Detail Enhancement (DDE) - "SHARPNESS" • Smart Scene Optimization (SSO) - "SMART SCENE" <ul style="list-style-type: none"> • Automatic Gain Control - "GAIN" • Information-Based Histogram Equalization (IBHEQ) - "SKY/SEA" <ul style="list-style-type: none"> • User-Controlled Manual Non-Uniformity Correction/ Flat-Field Correction (UCMNUC/ FFC) • Silent Shutterless NUC™ (SSN) 	
Interfacing		
Connector	Power In, Analog Video In/Out, Digital Video Recorder	
Power		
Battery type	Two CR123A 3V lithium batteries or CR123 type rechargeable batteries with voltage from 3.0V to 3.7V (2)	
Battery life (operating)	Up to 4 hr	
Environmental		
Operating temperature range	-40°C to +50°C (-40°F to +122°F)	
Storage temperature range	-50°C to +70°C (-58°F to +158°F)	
Physical		
Weight	0.4 kg (0.88 lbs)	
Size	150x90x52 mm (5.9x3.5x2.0 in)	
Color (housing)	Black	
Country of origin	USA	
Package Includes		
Thermal Monocular, CR123A Battery (2), Quick Start Guide, Soft Carrying Case		



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