



ARMASIGHT by FLIR **PROMETHEUS**[®]

Thermal Imaging Monocular

The Prometheus is the latest and most technologically-advanced family of thermal imaging monoculars for the sporting, law enforcement, and military markets. The Prometheus product line is based on the latest FLIR Tau 2 VOx microbolometer core, and is composed of different models – each optimized for performance, price, and state-of-the-art technology that is suitable for a variety of uses and missions.

The Prometheus is a solid state, uncooled, long-wave infrared, magnified, dedicated handheld thermal imager intended for day and nighttime missions.

The 24/7 mission capability is only one of the strengths of the Prometheus line. The thermal imaging technology also allows you to detect targets by cutting through snow, dust, smoke, fog, haze, and other atmospheric obscurants. Unlike the use of laser targeting or near-infrared illumination to augment night vision equipment, the Prometheus thermal imager is extremely difficult to detect with other devices, as it emits no visible light or RF energy.

The Prometheus is powered by two CR123A (2x3V) batteries. The Extended Battery Pack or 6VDC/ 600mA power source can also be used to power the Prometheus.



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 SVGA OLED 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 336 3-12X50	PROMETHEUS 640 2-16X50
Sensor Specifications		
Detector type	336 x 256 VOx Microbolometer	640 x 512 VOx Microbolometer
Video refresh rate	30 or 60 Hz	
Start up	3 seconds	
Objective lens type	Germanium	
Type of focal plane array	FLIR Tau 2	
System Specifications		
Lens system	50 mm; F/1.0	
Optical magnification	3×	2×
Field of view (H x V)	7.8° x 5.9°	14.8° x 11.8°
Digital zoom	1x, 2x, 4x	1x, 2x, 4x, 8x
Diopter adjustment range	-5 to +5 dpt	
Focusing range	5m to infinity	
Display	800x600 OLED	
Video output	PAL (768x574 pixels)*/ NTSC (640x480 pixels)	
Temperature imaging modes (image palettes)	White Hot, Black Hot, Fusion, Rainbow, Globow, Ironbow1, Ironbow2, Sepia, Color1, Color2, Ice-Fire, Rain, and OEM	
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”• 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, laser rangefinder connections	
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	0.55 kg (1.2 lbs)	
Size	194x68x62 mm (7.6x2.7x2.4 in)	
Color (housing)	Black	
Country of origin	USA	
Package Includes		
Thermal Monocular, CR123A Battery (2), Battery Cassette, Quick Start Guide, Soft Carrying Case		



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