



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 | |
| Earth Country Of Origin | USA | |
| Package Includes | | |
| Thermal Monocular, CR123A Battery (2), Quick Start Guide, Soft Carrying Case | | |



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