



# PROMETHEUS-C

## Thermal Imaging Monocular

Armasight Prometheus-C is the latest and most technologically advanced thermal imaging monocular to enter the sporting, law enforcement, and military markets.

The Prometheus-C is a solid state, uncooled, long-wave infrared, magnified, dedicated handheld thermal imager intended for day and night engagements. The Prometheus-C is based on the latest FLIR Tau 2 VOx microbolometer core. 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.

An additional Armasight proprietary hyper-image processing (HIP) code provides the Prometheus-C with a robust library of software features to tailor the image to the optimum standards required by the operator. The nine-pin connector on the Prometheus-C reveals the dynamic nature of this mite-sized powerhouse. Through the multi-pin connector, the operator can record video using the Armasight Digital Video Recorder (DVR) or augment the battery life by attaching to external battery options.

- ⓐ **Rugged, glass fiber reinforced construction**
- ⓐ **Tau-2 17µm pitch thermal sensor**
- ⓐ **Fast F1:1 front Germanium lens**
- ⓐ **640x480 color LED display**
- ⓐ **Easy and intuitive drop-down user interface**
- ⓐ **Simple 3-button control**
- ⓐ **Polarity control (black hot/ white hot)**
- ⓐ **Color & monochrome palettes**
- ⓐ **Digital Zoom up to 8x**
- ⓐ **Special User-Adjustable Imaging Tools**
- ⓐ **Fast time to image (< 3 sec)**
- ⓐ **Extended operation time with optional external battery power supply**
- ⓐ **Recording: video output/ optional video recorder with onboard replay**

Model	Prometheus-C 336 2-8x25	Prometheus-C 640 1-8x25
Focal Plane Array	FLIR Tau 2 - 336x256 (17 µm)	FLIR Tau 2 - 640x512 (17 µm)
Refresh Rate	9 Hz / 30 Hz / 60 Hz	30 Hz
Magnification	2x	1x
Field of View - ang. (X x Y)	13° x 10°	25° x 20°
Objective	25mm, F1:1	
Focusing Range	0.25m to inf.	
Diopter Adjustment Range	±5 diopter	
Display Type	LED VGA 640x480	
Digital Zoom	1x, 2x, 4x	1x, 2x, 4x, 8x
Image Palettes	White Hot, Black Hot, Varios Color modes	
Turn-on Time, max	3 sec	
Analog Input and Output Format (resolution)	PAL/ NTSC (640x480 pixels)	
Video Recording	Optional Digital Video Recorder with SD card	
Battery	Two CR123A 3V Lithium	
Battery Life at 20°C (68°F)	up to 4 hr	
Extended Battery Pack	Optional (operational time up to 7 hr)	
External Power Supply	6 VDC / 600mA	
Operating Temperature	-40 to +50°C (-40 to +122°F)	
Environmental Rating	Water and Fog Resistant	
Overall Dimensions	150x90x52 mm / 5.9"x3.5"x2.0"	
Weight (w/o Batteries)	0.4 kg / 0.88 lbs	

