



PROMETHEUS 2 640-30

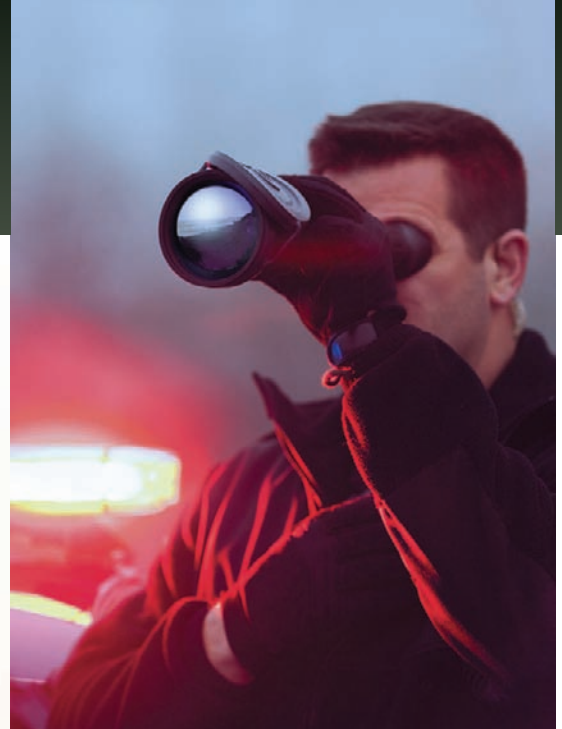
Thermal Imaging Monocular

Armasight Prometheus is the latest and most technologically advanced thermal imaging monocular to enter the sporting, law enforcement, and military markets. The Prometheus product line is based on the latest FLIR Tau 2 VOx microbolometer core, and is available in a variety of models – each optimizing performance, price, and state-of-the-art technology for myriad uses and mission applications.

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

The 24/7 mission capability is only one of the strengths of Prometheus. 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 lightest and most compact scope in its class**
- Ⓐ **Easy and Intuitive Drop-down user interface**
- Ⓐ **Digital E-Zoom: 1x, 2x, 4x, and 8x**
- Ⓐ **Color Modes: White Hot/ Black Hot/ Rainbow/ Various Color modes**
- Ⓐ **Extended operation time with optional external battery power supply**
- Ⓐ **Recording: video output /optional Video Recorder with onboard replay**
- Ⓐ **Tactical scenarios (CQB, etc.)**
- Ⓐ **Waterproof, CNC machined aircraft-aluminum alloy construction**
- Ⓐ **Rapid start-up**
- Ⓐ **Made in USA**



Item	Prometheus 2 640-30
Magnification (NTSC/PAL)	1.5x / 1.8x
Objective Lens Type	Germanium
Type of Focal Plane Array	FLIR Tau 2
Pixel Array Format	640x512
Pixel Size	17 μ m
Resolution, mrad	0.40
Display Type	AMOLED SVGA 060
Pixel Display Format	800x600
Field of view X/Y (°)	14.8 / 11.8
Objective Focal Length	42mm
Objective F-number	1:1
Eyepiece Focal Length	25 mm
Entrance Pupil Diameter	42mm
Exit Pupil Diameter	10 mm
Eye Relief	45 mm
Focusing Range	5m to inf.
Battery	Two CR 123A (2x3V)
Battery Life at 20 °C (68 °F)	4 hr
Operating Temperature	-40 to +50°C (-40 to +122°F)
Storage Temperature	-50 to +70°C (-58 to +158°F)
Dimensions (mm/in)	255x70x70 / 10x2.7x2.7
Weight (kg/lbs)	0.55 / 1.2