ARMASIGHT

APOLLO 324-30

Thermal Imaging Clip-On System

Armasight is excited to introduce its latest and most technologically advanced family of Apollo thermal imaging clip-on systems to the sporting, law enforcement and military markets. The Apollo product line developed based on the latest FLIR Tau 2 VOx microbolometer core and optimizing performance, price, and state-of-the-art technology for a variety of users, from the committed hunter to the military designated marksman.

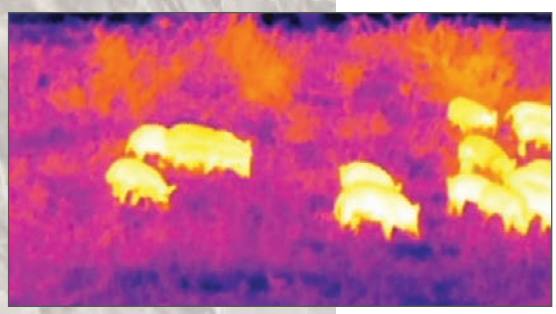
The Apollo is a solid state, uncooled, long-wave infrared, magnified dedicated scope intended for day and night engagements. The 24/7 mission capability is only one of the strengths of the Apollo. The thermal imaging technology also allows you to detect targets by cutting through snow, dust, smoke, fog, haze, and other atmospheric obscurants.

The Armasight Apollo eliminates the traditional requirement of removing your existing day scope from your rifle, to replace it with a dedicated thermal sight (which would also involve re-zeroing). The Apollo simply mounts in front of your own standard daytime optical sight. Factory bore-sighted to tolerances of less than 1 MOA, no re-zeroing is required. The Apollo allows the user to maintain consistent eye relief and shooting position, and because the user views his own day scopes reticle (which he is familiar with), no re-training is required.

In addition to being the smallest and lightest in their class, Apollo thermal imaging clip-on systems are characterized by their simple and intuitive controls, functions, and features that are layered among direct button adjustments, direct combination button functions, and electronic menu selections. This "layering" of easy-to-understand control functions provides the operator with a framework for customizing his preferences and exploiting the robust variety of setting options available in the Apollo. The Apollo has a unique series of menu selectable temperature sensitive "scenarios" for rapid target detection, in addition to a variety of color display presentations based on a rich, upgradeable software package. A wireless remote switch is included to activate the Apollo thermal imaging clip-on system when positioned in the "standby" mode. The Apollo has the ability to record imagery and is equipped with a video-out capability in operator selectable NTSC or PAL formats. The Apollo uses the same multi-pin connector to provide video-in imagery, where there is a need for map or rangefinder display overlays, and external power access.

Apollo weapon installation is easy, repeatable, and reliable based on a unique and highly user-friendly MIL-STD-1913/Weaver/Picatinny rail compatible, quick-release locking mechanism.

- **Simple and quick conversion of daytime scope to thermal imaging**
- **Mounts in front of any daytime scope, no re-zeroing required**
- **The lightest and most compact scope in its class**
- **User selectable NTSC or PAL format**
- **The latest Tau 2 17-micron uncooled FLIR core technology**
- **Display Type: AMOLED SVGA 800x600**
- **Easy and Intuitive Drop-down user interface**
- **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**
- **Hunting scenario algorithms for optimized performance (Hog, Coyote, Mountain Lion, etc.)**
- **Tactical scenarios (CQB, etc.)**
- **Wireless remote control for tactical operations**
- **Waterproof, CNC machined aircraft-aluminum alloy construction**
- **Rapid start-up**
- **MIL -STD-1913 (Picatinny Rail) Quick Release Mount**
- **Integral MIL-STD-1913 rails on unit for optional day optics or accessories**
- **Made in USA**



Refresh Rate	30 Hz
Magnification (NTSC/PAL)	Unity (1x)
Objective Lens Type	Germanium
Type of Focal Plane Array	FLIR Tau 2
Pixel Array Format	324×256
Pixel Size	25 µm
Resolution, mrad	0.4
Display Type	AMOLED SVGA 060
Turn-on Time, max	3 sec
Image Palettes	"White Hot, Black Hot, Fusion, Rainbow, Globow, Ironbow 1, Ironbow 2, Sepia, Color 1, Color 2, Ice-Fire, Rain, and OEM Custom"
Analog Input and Output Format	PAL* / NTSC
Objective Focal Length	42 mm
Field of View - ang. (X / Y)	11° x 9°
Objective F-number	1:1
Diopter Adjustment	45-55 mm
Focusing Range	5 m to infinity
Exit Pupil Diameter	25 mm
Battery	Two CR 123A (2×3V)
Battery Life at 20 °C (68 °F)	up to 4 hr
External Power Supply	6 VDC/ 1 A
Weapon Mount Type	Picatinny, MIL STD 1913, and Weaver Rails
Operating Temperature	-40 to +57°C (-40 to +134°F)
Storage Temperature	-50 to +85°C (-58 to +185°F)
Overall Dimensions	217×70×80 mm (8.5"×2.8"×3.2")
Height of the Apollo Axis above Rail	40 mm (1.57 in)
Weight (w/o Batteries)	0.7 kg (1.5 lbs)

Armasight Inc., 815 Dubuque Avenue, South San Francisco, CA 94080, USA
Phone: (888)959-2259, Fax: (888)959-2260, Intl Phone/Fax: (650)492-7755
info@armasight.com
www.armasight.com