

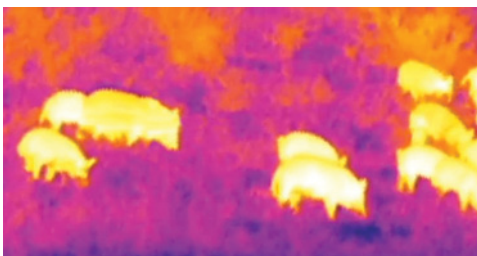


THERMAL CLIP-ON SYSTEM

FLIR APOLLO®

The Apollo is an uncooled long-wave thermal clip-on device intended to mount in front of the existing magnified day sight. The immediate advantages of this approach of converting the day scope into a thermal imaging device include no change in cheek weld, no change in trigger reach, and continued use of existing ballistic reticules in the day scope. The 24/7 mission capability is only one of the strengths of the Apollo.

www.flir.com



EXCEPTIONAL VISION

Advanced image processing eliminates the guesswork

- Completely digital for better detection, classification and recovery, day or night
- Built using the FLIR Tau 2 thermal core
- Bright, high definition AMOLED SVGA display for absolute clarity



COMPACT, POWERFUL

Perfect balance of size and performance

- Powerful and compact hardware is protected by a robust body
- Featuring a 17 μm pixel pitch and on-chip image processing
- Outstanding thermal image quality in the darkness or through smoke, haze, fog, rain



SUPERIOR VALUE

Packed with features for a versatile and customizable viewing experience

- Mounts in front of any day scope with no re-zeroing required
- Multiple color palettes
- Simple and quick conversion of daytime scope to thermal imaging

SPECIFICATIONS

General	Apollo 336	Apollo 640
Detector type	336 x 256 VOx Microbolometer	640 x 512 VOx Microbolometer
Refresh rate	30 or 60 Hz	
Start up	3 seconds	
Lens system	50 mm; F/1.0	
Optical magnification	1x	
Field of view (H x V)	8° x 6°	15° x 12°
Digital zoom	2x, 4x	2x, 4x, 8x
Exit pupil diameter	40 mm	25 mm
Focusing range	5 m to infinity	
Display	800x600 AMOLED SVGA 060	
Video output	PAL (768x574 pixels)/ NTSC (640x480 pixels)	
Temperature imaging modes (Image Palettes)	White Hot, Black Hot, Fusion, Rainbow, Globow, Ironbow 1, Ironbow 2, Sepia, Color 1, Color 2, Ice-Fire, Rain, and OEM Custom	
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 	
Remote control button	Activates/ deactivates the Apollo in standby mode	
Focus ring	Adjusts the objective diopter	
Interfacing		
Connector	Power in, analog video in/out, digital video recorder	
Power		
Battery type	Two CR123A 3V Lithium batteries	
Battery life (operating)	Up to 4 hr at 20°C	
Environmental		
Operating temperature range	-20°C to +50°C (-4°F to +122°F)	
Storage temperature range	-50°C to +70°C (-58°F to +158°F)	
Physical		
Weight	0.81 kg (1.8 lbs)	0.7 kg (1.5 lbs)
Overall dimensions	217 x 74 x 81 mm (8.5 x 2.9 x 3.2 in)	208 x 74 x 82 mm (8.2 x 2.9 x 3.2 in)

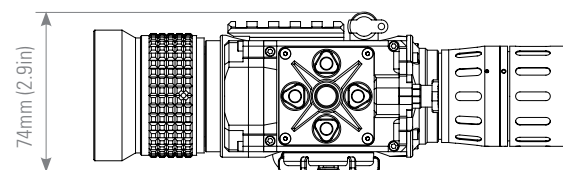
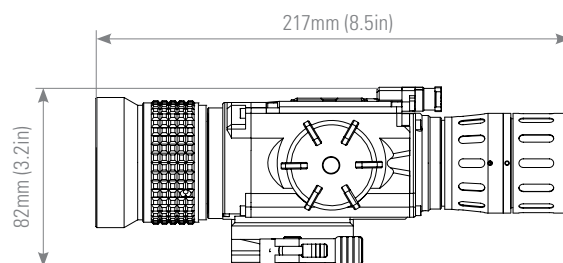
Package Includes

Thermal Clip-On, Battery Cassette, Video Cable, Light Suppressor 4, Wireless Remote Control with Picatinny Adapter, Quick Start Guide, Soft Carrying Case, Lens Cloth

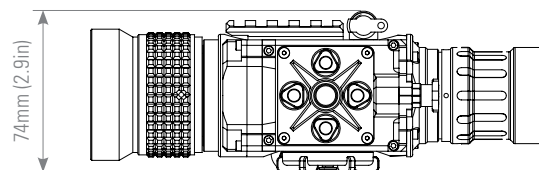
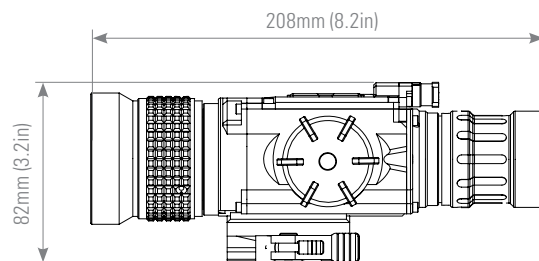
Optional Accessories

ANAM000009 - Mounting System #1
ANAM000010 - Mounting System #2
ANAM000011 - Mounting System #3
ANAM000012 - Mounting System #4
ANAM000013 - Mounting System #6
ANAM000031 - Weaver Mount #60
ANAM000045 - Extended Rail Adapter #85
IATAM000005 - HD DVR - High-Definition Digital Recorder
ATAM000008 - Extended Battery Pack - Extended Battery Pack with Rechargeable Batteries
ANHCO00001 - Hard Shipping/ Storage Case #101

Specifications are subject to change without notice.
For the most up-to-date specs, go to www.flir.com



Apollo 336



Apollo 640

FLIR OUTDOOR & TACTICAL SYSTEMS

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