



ARMASIGHT by FLIR **PREDATOR**[®]

Thermal Imaging Riflescope

The Predator thermal weapon sight is intended for use on a variety of hunting and sporting weapons equipped with a Picatinny/Weaver rail. Displaying the thermal differences in the scene, the high performance thermal imaging system of the Predator provides round-the-clock, all-weather detection and discrimination of heat-generating objects (such as animals), including those that are hidden. The Predator is effective at close and long ranges regardless of light and weather conditions, such as in total darkness or through smoke, haze, fog, and light rain.

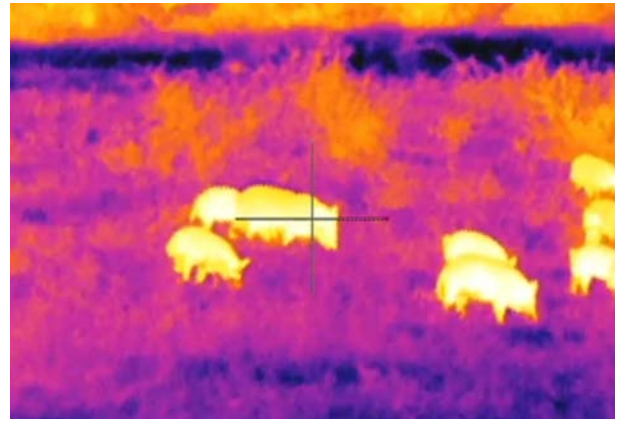
Extremely reliable and versatile, the Predator is a highly useful, multifunctional addition to any security or hunting weapon platform.



- The lightest and most compact scope in its class
- FLIR Tau 2 17-micron uncooled core technology
- LED VGA display
- Easy and intuitive drop-down user interface
- Fast 30Hz or 60Hz imaging
- Digital e-zoom
- Various color modes
- 6 onboard digitally controlled reticle patterns
- Selectable reticle colors
- Electronic zoom reticle tracking capability maintaining boresight
- Extended operation time with optional extended battery pack
- Wireless remote control for tactical operations
- CNC machined aircraft-aluminum alloy construction
- Rapid start-up
- MIL-STD-1913 (Picatinny rail) quick release mount
- Integral rail on unit for optional accessories
- Limited 3-year warranty
- 10-year warranty on FLIR detector

Specifications

	PREDATOR 336 2-8X25	PREDATOR 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 8°
Digital zoom	1x, 2x, 4x	1x, 2x, 4x, 8x
Diopter adjustment range	-5 to +5 dpt	
Focusing range	20m to infinity	
Display	640x480 LED	
Video output	PAL/ NTSC (640x480 pixels)	
Temperature imaging modes (image palettes)	White Hot, Black Hot, Fusion, Rainbow, Globow, Ironbow1, Ironbow2, Sepia, Color1, Color2, Ice-Fire, Rain, and OEM	
Reticle type	Dot 4 MOA, Line Dot, Cross Center Dot, Cross, Crosshair, and "No Reticle"	
Reticle color	Black, White, Red, Cyan, and High Visibility	
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 • Reticle color control • Reticle pattern control • Boresighting control • On-screen menu navigation 	
Remote control button	Activates/ Deactivates the Predator in standby mode	
Eyepiece focus ring	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" • User-Controlled Manual Non-Uniformity Correction/ Flat-Field Correction (UCMNUC/ FFC) <ul style="list-style-type: none"> • 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	0.63 kg (1.4 lbs)	
Size	194 x 68 x 78 mm (7.6 x 2.8 x 3.2 in)	
Color (housing)	Black	
Country of origin	USA	
Package Includes		
Thermal Rifle Scope, CR123A Battery (2), Battery Cassette (2), Video Cable, Wireless Remote Control with Picatinny Adapter, Quick Start Guide, Soft Carrying Case		



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