

ATLAS

Thermal Imaging Binocular



ABOUT

ATLAS is the first commercially available thermal binocular based on 12-micron technology. Lightweight and fully waterproof, the N-Vision Optics ATLAS Thermal Binocular is extremely robust and capable. Constructed with durable composite plastics, it is significantly smaller in size and weight in comparison to other thermal binoculars on the market.

ATLAS delivers a high-resolution thermal image and extended detection, recognition, and identification ranges in even the most challenging environmental conditions. ATLAS is the first choice for search and rescue professionals, wildlife observers, hunters, sailors, and many others who demand only the best equipment.



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KEY FEATURES

640x480, 12 micron thermal core
2250m Detection range
Internal memory for image capture

SYSTEM SPECIFICATIONS

Material, structure & format	Amorphous Silicon Microbolometer
Sensor Resolution	640 x 480, 12 micron
Spectral Response	7.5 - 13.5 μ m
Refresh Rate	9Hz or 60Hz
Start-up Time	Less than 4 seconds
Lens Diameter	50 mm
Detection - Vehicle size target	2250 meters
Recognition - Vehicle size target	875 meters
Identification - Vehicle size target	450 meters
Detection - Man size target	1000 meters
Recognition - Man size target	330 meters
Identification - Man size target	225 meters
Field of View	9° x 7°
Video Output	USB and Analog
Batteries	3 CR123
Power, external	USB
Dimensions (inches)	5.8L x 4.9L x 2.3H
Dimensions (centimeters)	14.8L x 12.5W x 6H
Weight	575 g / 20.2 oz

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