



NETWORKING THE INFANTRY



Mini N/SEAS family

Image-intensified Mini Single or Dual Eye Acquisition Night Sight

Mini N/SEAS is a compact, monocular and night vision system that offers high resolution and a clear, bright image under adverse environmental conditions. The Mini N/SEAS' unique design enables the user's unaided eye to converge to the device's optical LOS without losing depth perception and with significantly less eye fatigue.

ITL's innovative idea of a modular, head-mountable and water-submersible night vision monocular has taken the world by storm, making the Mini N/SEAS standard equipment among most modern military and paramilitary forces around the globe.

- High resolution, bright image under night conditions
- Binocular created by mounting two randomly-selected monoculars on a dedicated head adapter enables high-confidence night driving with both eyes.

- »» Single and/or dual configuration
- »» Minimal optical LOS shift
- »» Collimated dual monoculars
- »» Automatic shut-off features
- »» Integrated IR illuminator
- »» Variety of head/helmet mounts
- »» Ruggedized metal enclosure
- »» High survivability
- »» Submersible to 20 meters (optional)

Under registered US Patents: 6339500, 6337768, 5786932, 6,141,160; 6,310,721

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Technical Characteristics

Optics & Sensors

Magnification	X1
Image Intensifier Tube	GEN 2+, SuperGen, GEN3, XD-4 or XR5 (non-autogating/autogating)
Field of view	40°
Focus range	25cm to infinity
Diopter adjustment	-6 to +2
Eye relief	25mm
Exit pupil diameter	10mm
Resolution (system)	≥ 1.3 lp/mrad (tube-dependent)
Gain (system)	More than 3000 (tube-dependent; manual gain control – optional)

Electrical

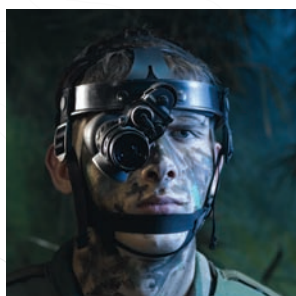
Power source	Single 1.5V "AA" battery (alkaline) or single 3.6 V battery (lithium)
Operating time	>24 hours
Indicators	Low battery and IR illuminator (in eyepiece)
High light sensor	Power shut-off to image intensifier tube when exposed to high ambient light (exposure level is tube-dependent)

Physical

Dimensions	115x71x40mm
Weight	380gr

Environmental

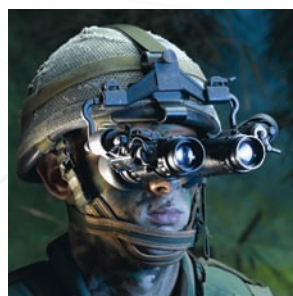
Complies with MIL-STD-810



Cap-type head mount



Mini N/SEAS on diving mask



Mini N/SEAS for driver



Weapon-mounted



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Specifications subject to change at any time

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