

Nellie

The only ultra lightweight binocular with wide field of view

Thales, a combat proven
Night Vision Goggles
manufacturer with
110,000 devices in
operation worldwide



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UNSURPASSED TACTICAL ADVANTAGE IN THE DARKEST ENVIRONMENTS

Combining enlarged field of view and high resolution with optimum ergonomics, Nellie sets the new standard in ultra-lightweight I² binoculars. Nellie provides an unrivalled operational advantage during long night missions of Land Forces.

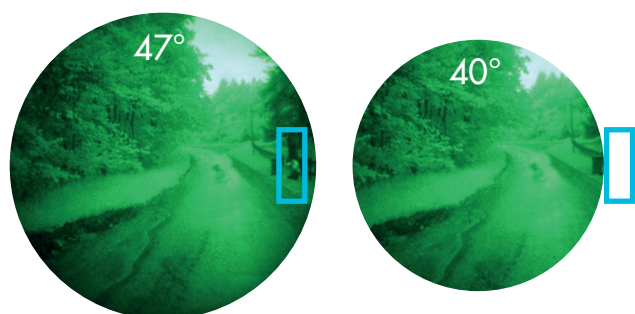
APPLICATIONS

- Land vehicles driving
- Ground forces operations

FEATURES AND BENEFITS

Greater Situational Awareness

- Enlarged Field of View (FoV) of 47°
- Resolution identical to 40° NVG on axis and on the edge (2/3 of FoV)
- Thales know-how in surface treatment and opto-mechanical design for visual acuity



The observed scene coverage is increased by 43%, compared to the standard 40° field of view from other devices

Improved Mobility

- Stereoscopic vision
- Ultra-light weight (<460g)

Tactical Superiority

- Stability and comfort with rugged mechanical design
- Night adaptation with lateral flip up
- Stealth and protection with automatic cut-off
- Robustness and reliability



TECHNICAL CHARACTERISTICS

Magnification	1x
Field of View	>47°
Resolution	1,33 cy/mrd
Objective lens aperture	F/1,2
Focus range	25 cm to infinity
Dioptric adjustment	-6 to +3 diopters
Eye relief	20 to 25 mm
Inter-pupillary distance	54 mm to 76 mm
Weight	<460g including battery
I ² tube	Standard 18 mm, Gen. II to IV
Auto-gating	Optional
Brightness gain	User Adjustable
Power source	1x AA 1.5 V or 3.6 V
Battery life	>24 hours at 20°C
Operating temperature	-35°C to +49°C
Storage temperature	-40°C to +55°C
Immersion	1m, 1 hour (standard) 4m, 6 hours (option)

Others

- Compatible with Military-Of-Shelf mounting accessories
- Built-in infrared illuminator
- "IR-ON" and "Low battery" indicator in eyepiece
- Automatic cut-off in stowed position independent of position
- Lateral flip-up with automatic cut-off independent of position
- Compatible with IRClipon devices
- Designed for water immersion
- A 18mm standard-size tube enabling maintenance advantages

AVAILABLE ACCESSORIES



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