

# NELLIE

## The only ultra lightweight binocular with wide field of view

*Thales, a combat proven Night Vision Goggles manufacturer with 100,000 devices in operation worldwide*



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### UNSURPASSED TACTICAL ADVANTAGE IN THE DARKEST ENVIRONMENT

NELLIE, offering enlarged Field of View with the best range performances, sets the new standard in ultra-lightweight I<sup>2</sup> binoculars, provides an unrivalled operational advantage during long night missions of Land Forces.

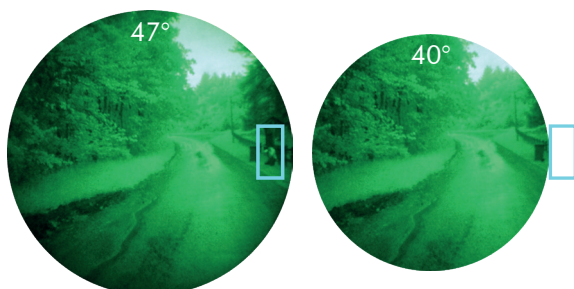
### APPLICATIONS

- > Land vehicles driving
- > Ground forces operations

### FEATURES AND BENEFITS

#### Greater Situational Awareness

- > Enlarged Field of View of 47° combined with higher resolution
- > Better depth perception
- > High optical performance



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) with innovative optical design based on aspherical lenses

#### 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<sup>2</sup> 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, 2 hours (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 IR-Clip-on devices
- > Designed for water immersion
- > A 18mm standard-size tube enabling maintenance advantage

### AVAILABLE ACCESSORIES



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