

ELFIE

The only ultra lightweight monocular 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

ELFIE, offering enlarged Field of View with the best range performances, sets a new standard in ultra lightweight I² monocular and provides an unrivalled operational advantage during long night missions of Land Forces.

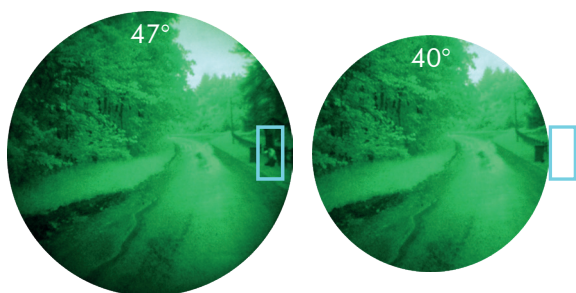
APPLICATIONS

- > Ground forces operations
- > Special forces operations

FEATURES AND BENEFITS

Greater Situational Awareness and Mobility

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



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

- > Ultra-light weight (<270g)

Tactical Superiority

- > Robustness and reliability
- > Highly modular design allowing various operational configurations



Configuration #1 : Head- or helmet-mounted monocular configuration (left or right eye use) leaving a dark-adapted eye and a wide peripheral vision (patrol, combat situations...).



Configuration #2 : Head- or helmet-mounted binoculars configuration for a stereoscopic vision (3D). Ideal for vehicle driving, paratroopers and special forces operations.



Configuration #3 : Weapon-mounted, associated with a red dot sight or laser pointer.

TECHNICAL CHARACTERISTICS

Magnification: 1x
 Field of View: 47°
 Resolution: >1,26 cy/mrd
 Objective lens aperture: F/1,2
 Focus range: 25 cm to infinity
 Dioptric adjustment: -6 to +2 diopters
 Eye relief: 20 to 25 mm

Weight: <270g

I² tube: Gen. II or Gen. III

Auto-gating: Optional

Brightness gain: Manual control

Power source

- > 1x AA 1.5 V or 3.6 V
- > 1x AA 1.2 V rechargeable AA battery

Battery life: 50 hours at 20°C

Operating temperature: -40°C to +49°C

Storage temperature : -40°C to +65°C

Water immersion: 1m, 2 hours

Others

- > Built-in infrared illuminator with "IR-on" indicator
- > Automatic cut-off in high light conditions
- > Automatic cut-off in stowed position
- > "Low-battery" indicator



"The most performant monocular with wide field of view"

AVAILABLE ACCESSORIES

Face mask, helmet and weapon mount are designed to quickly and simply change from one configuration to another, with no additional part required.