Thermal Weapon Sights

ELYNXO OPTRONICS

CECILE-TS

Thermal Weapon Sight

Crédit: Thales Photopoint.com

OUR **VISION** FOR INNOVATION

ELYNXO OPTRONICS

Combat proven high performance thermal weapon sight combining the highest image quality with unprecedented ergonomics and robustness

APPLICATIONS & BENEFITS

Thermal Weapon sights for mid-range, heavy calibers and machine guns. Land, naval* and air applications, both for individual and crew-served weapons.

Medium and long range versions.

Detection performance range:

KEY FEATURES

- User centric

Advanced ergonomics : Intuitive 5 buttons interface. Fast access to reticule and polarity control, analogue video output and external power supply.

Comfort in use : Low profile ocular allowing natural shooting position. Comfortable with long eye-relief (85mm).

Great autonomy : Mission oriented long batteries autonomy with fast set-up. Around 5 seconds boot time and hot swap capability for battery replacement.

- Qualitative

Designed and qualified for harsh environments : From desert to high mountains, CECILE-TS will support operational constraints in extreme environmental conditions.
Field qualified with more than 10 000 rounds on individual weapons from 5.56mm to 12.7mm (.50 cal) and on heavy machine guns (20/30/40mm).

Long range accurate aiming with high shock resistance for g : Elynxo Patent ©

Uncooled technology : 640 x 480 pixels, 17µ pitch

TECHNICAL CHARACTERISTICS

Optical Performance :

	Medium Range	Long Range
Magnification	x2.7 (x5.4, x10.8 with e-zoom)	x4 (x8, x16 with e-zoom)
Field of view	9° (H) x 6.7° (V)	Field of view: 6.2° (H) x 4.6° (V)

Spectral band: LWIR (8-12 µm)

Mechanical Data :

- Weight: < 1.4 kg
- Dimensions: 389mm (L) x 104mm (H) x 74mm (W)
- Mechanical interfaces:
  MIL-STD-1913 "Picatinny" or any other interface on request.

Electrical characteristics :

- Analogue video output: RS 170
- External power suply: 5V
- Batteries :

Rechargeable batteries (Lithium, Alkaline, Ni-MH).
Easily replaceable battery pack.
Autonomy:
> 10 hours at +20° with standard lithium batteries
> 6 hours at -35° and +55° with standard lithium batteries

Environmental characteristics :

- Certifications Full MIL-SPEC : MIL-STD-810G / MIL-STD-461F
- Salt Spray exposition : 96h

Included :

- Instruction Manual
- Flip-up front and back lens covers
- Fast-off or standard screwed STANAG 4694 adaptor
- Cleaning kit

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