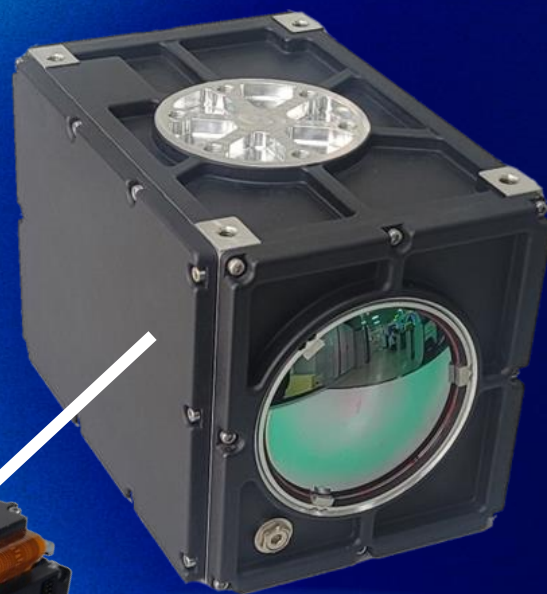


# **Leda** C230

## **MWIR LEDA-C230HR Thermal Camera**

The Leda-C230HR integrates the newest member of Tecnobit's family of MWIR cameras.



Internal Camera

## **ORISÓN-230HR Thermal Imager**



MWIR Image, Leopard Tank at 4Km, Northern Germany



MWIR Image, Oil Tanker at 4.5Km, Gibraltar.



MWIR Image, Merchant Ship at 4Km, South coast of Spain

## **Electrooptic Vision Systems**

**Exceptional range performance in ultra compact size -  
134mm x 140mm x 225mm / 4.0Kg**

**Perfect Focus and Boresight through zoom over complete temperature range**

**Very fast cooling (150 seconds typical) and long cooler life (>18,000 hours).**

Designed for use on Pan & Tilt platforms for Fire Control or Remote Weapon Systems, the **Leda-C230HR** is a very versatile camera and can work equally well as a general-purpose surveillance camera for almost any **Land & Maritime applications**.

- Exceptionally long cooler life (18.000 hours)
- Exceedingly Compact & light .
- Very low cool down time (150 sec)
- Low latency video out (< 20ms) in PAL/NTSC, SD/HD-SDI
- Very high DRI range to size ratio.
- Perfecto focus and boresight through zoom over complete temperature range.



The **Leda-C230HR** is part of a wide range of Optronic products designed for a variety of platforms that include ships, aircraft, helicopters and both fixed and ground mobile terrestrial applications

## Leda-C230HR

### Thermal Imager

Spectral Range	From 3.6 to 4.2 $\mu$ m.
Detector Type	10 $\mu$ m InAsSb FPA, 640 x 512 pixels, 150K operating temp
Optics	x17 Continuous zoom – 28° to 1.6°
FOV Change	1.5 sec between presets, 5 sec for zoom between limits.
Cooling time / Life	< 150 seconds (@ 25°C) / 18,000 hours cooler life
Algorithms	NUC, BPR, Histogram Equalisation, Local Area Contrast, Edge Enhancement, Autofocus, Athermalisation, Polarity, Graphics etc..
BIT	Extensive PBIT, IBIT and CBIT.

### Qualification

Temperature	-40°C to +65°C
Shock & Vibration	40g @ 11ms / AECTP 400 A2 (Tactical Wheeled Vehicle)
EMC/EMI	I.A.W. MIL-STD-461G.

### Interface

Dimensions / Weight	134mm x 140mm x 225mm / 4.0Kg
Power	28Vdc I.A.W. MIL-STD-1275 (20W nominal).
Control	RS422 & Ethernet.
Video	Digital (SD/HD-SDI), Analogue (PAL or NTSC)

The camera system is 100% designed, developed manufactured and maintained by Tecnobit Grupo Oesía in their Spanish facilities



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