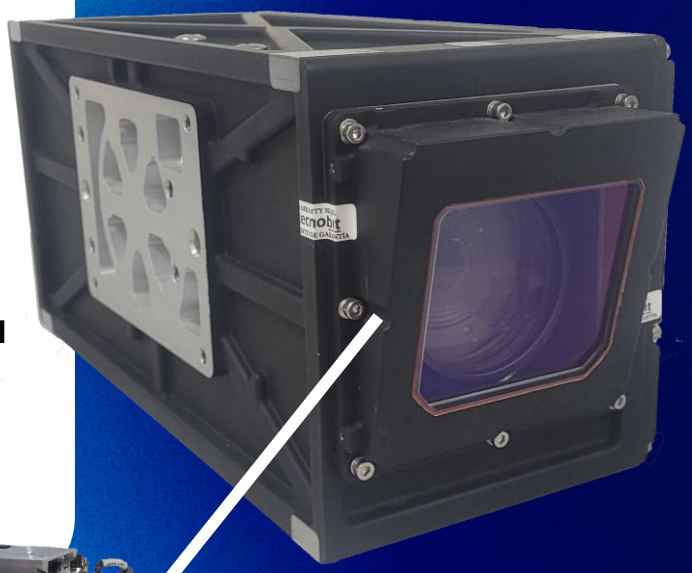
Optronics

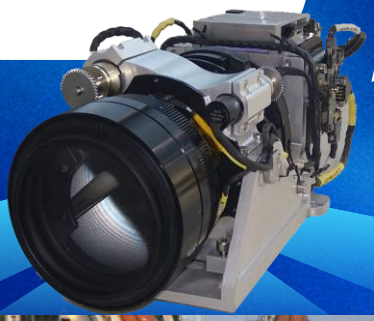
tecnobit
grupo oesía

Leda T500

Long range daylight camera

The first daylight camera of the Leda family. A very robust camera with x45 zoom, perfectly focused and bore sighted over the entire zoom and temperature range





Internal Camera

Taurus-Z500FHD Daylight Camera

Merchant vessel moored at 3Km, Gibraltar in background

Same Merchant vessel with maximum zoom

Helicopter at 10Km, flying from Gibraltar

Electrooptic Vision Systems

Available with monochrome or color sensor with NIR mode selection for low light conditions or NIR laser pointer display in open or housed frame configuration

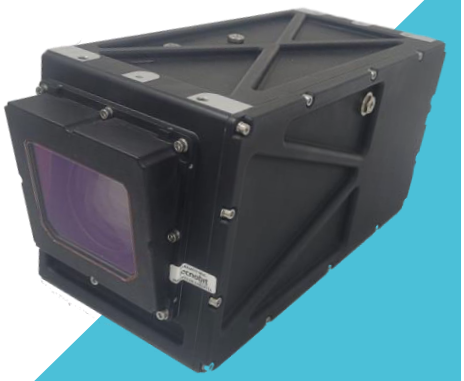
Completely ITAR Free with option of wiper and window heating for deicing

Sophisticated suite of image processing algorithms for the highest quality, low latency (<20ms) video, with analogue and digital video outputs

REF: LED3 0225

The camera can be controlled though the RS422, or Ethernet port & includes both **analogue or digital video formats**

- **Compact Zoom Full HD x45** – Continuous Field of View 34º to 0.75º
- **Choice of integrated optical filters** - for use in low light conditions or displaying NIR laser pointers
- **Perfect Focus and Boresight through Zoom** over the full temperature range



The **LEDA-T500FHD** 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-T500FHD characteristics

Camera Characteristics	
Spectral Range	0.4 a 0.7 (Color) o 0.4 to 1.0µm (Mono)
Detector Type	FPA CMOS, resolution 2064 x 1544 pixels, "pitch" 3.45µm Color sensor (Bayer pattern) or monochrome
Sensitivity	<5 Lux (Color), <1 Lux (Mono)
Video latency	< 20ms
Optics	Continuous Zoom x45, up to x4 continuous digital zoom Field of View 34º to 0.75º (0.19º with x4 digital zoom)
FOVs alignment	Less than 10 pixels
FOV switch time	<5 seconds (continuous zoom)
System Characteristics	
Dimensions / Weight	150mm (h) x 348mm (l) x 113mm , <5.5Kg (7Kg wiper version)
Video Output	Analogue Video - RS170 & CCIR Digital Video - Giga Ethernet & SDI (HD o 3G according to resolution and frame rate). Low latency (<20ms)
Power	28Vdc IAW MIL-STD-1275 < 20 W in steady state, up to 150 W when heater and wiper functioning
Control	RS422 or Ethernet
Wiper / Window Heater	Optional

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

oesia grupo

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Optronics Systems