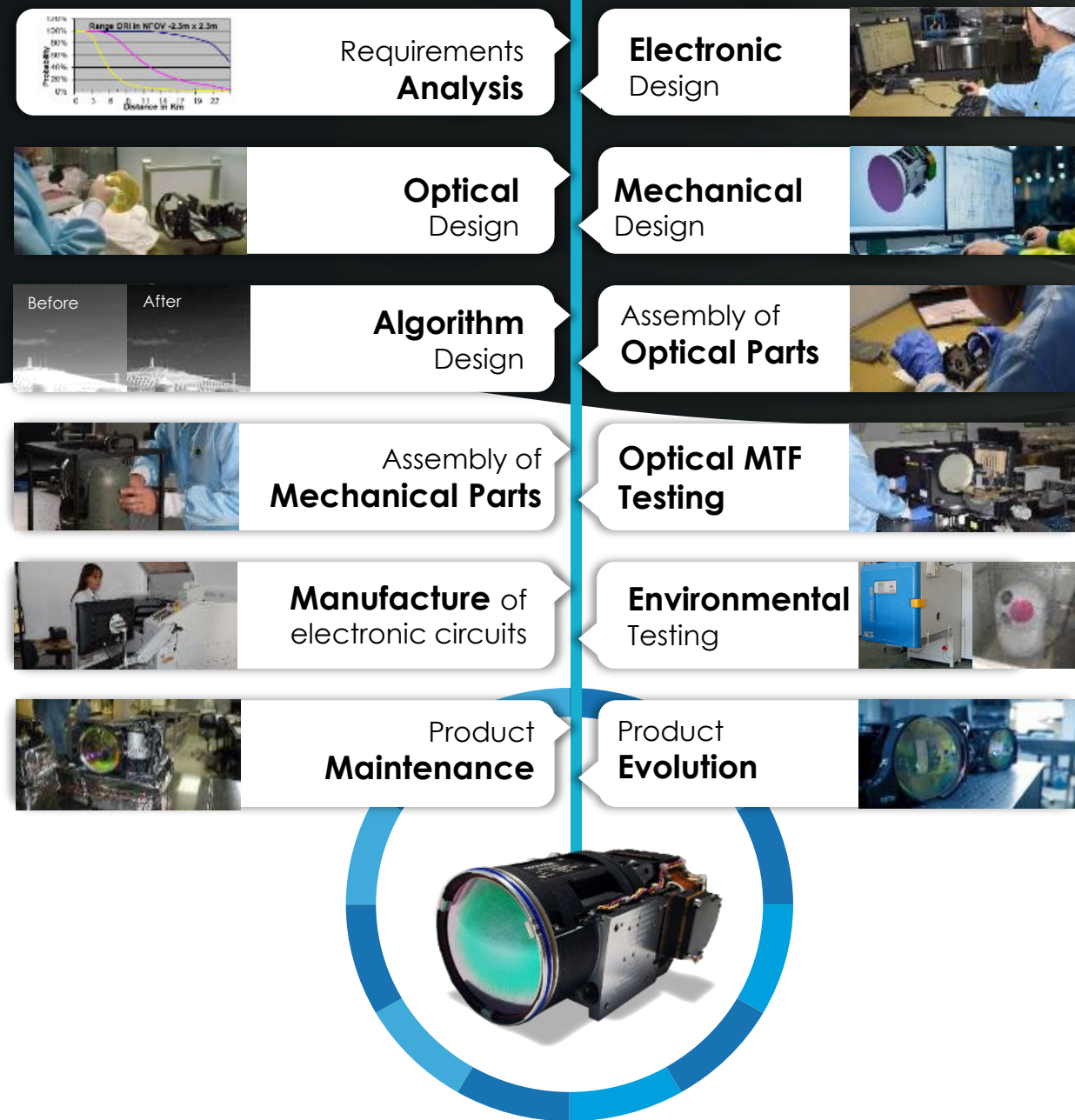


Covering the complete Optronic Sensors Life Cycle



Contact our specialists

producto@oesia.com

Optronics

More than 30 year developing and manufacturing some of the most advanced defence Optronic systems in the world

Processing Engines for thermal cameras

Thermal cameras in different spectral bands

Encapsulated cameras combining different spectral bands

Gyrostabilized systems

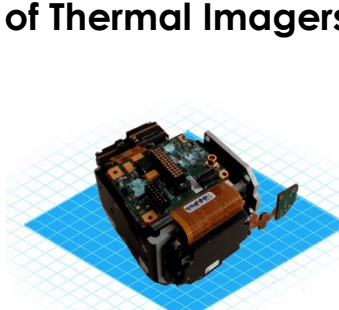
TECNOBIT is a company providing advanced technology, with the capacity and infrastructure to design, develop, produce and sustain the most advanced optronic equipment during its whole life cycle.



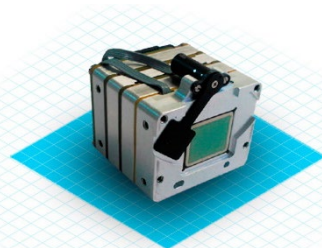
Processing "Engines"

for other manufacturers of Thermal Imagers

Electronic Assemblies available for other camera manufacturers that include Video Processing, Opto-Mechanical Control and Power Supply boards covering a wide range of MWIR & LWIR sensors both cooled and uncooled



Castor Engine



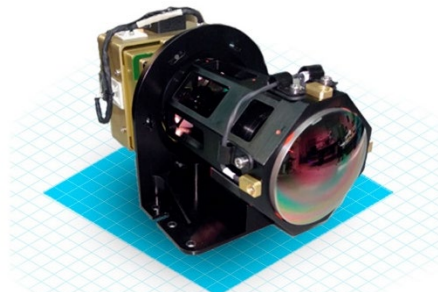
Odin Engine

LWIR Uncooled Cameras for OEM

for camera integrators

A family of high performance "Uncooled" LWIR cameras for short and medium range systems.

- Sophisticated low latency image processing Algorithms.
- High Reliability, Excellent Boresight, Diffractive Limited Optics.
- 640 or 1024 Image resolution.
- ITAR Free.



Odin Cameras

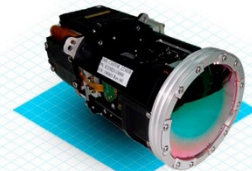
MWIR Cameras for OEM

for camera integrators

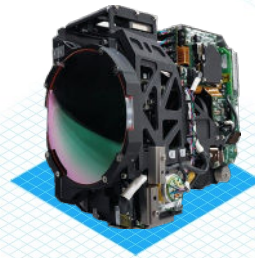
A family of high performance MWIR cameras for medium and long-range systems.

- Sophisticated low latency image processing Algorithms.
- Long Life, fast cooling InSb, XBn or CMT detector available.
- "Folded" optical design with counterweights for gyro stabilised applications.
- High Reliability, Excellent Boresight, Diffractive Limited Optics.
- 640, 1024 or 1280 Image resolution.
- ITAR Free.

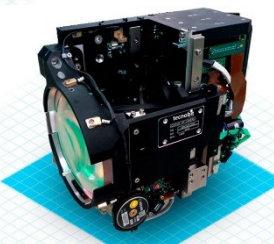
Orisón
230HR



Castor
Z420HD



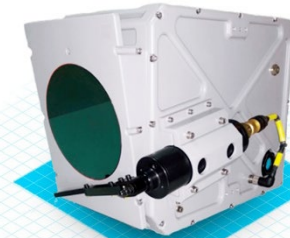
Castor
3F420HDL



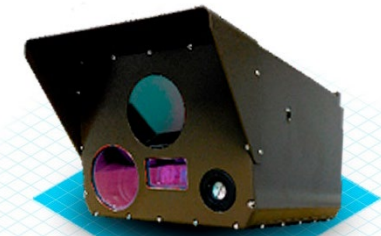
Encapsulated Cameras

for Platform Integrators

Single or complete suite of optronic sensors integrated in sealed, ruggedized housings. Fully qualified for Ground Mobile and Naval Unsheltered applications. Ideal for Remote Weapon Stations, Air Defence Systems, Forward Observers and many other applications.



Single Camera
Naval Leda



Multi-Sensor
Leda

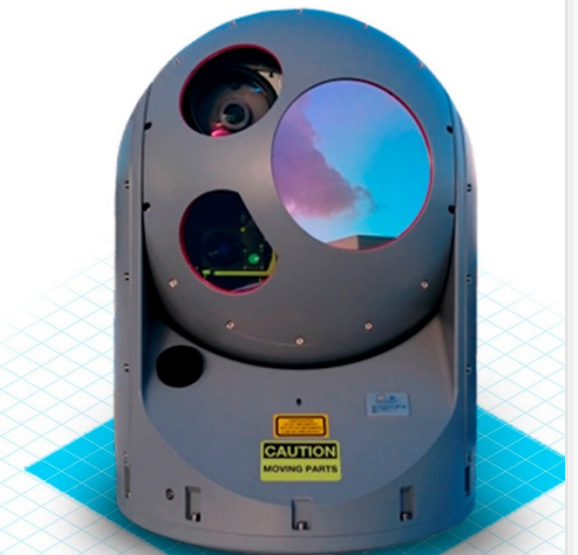
Gyro Stabilised Cameras

for Systems Integrators

Multi Sensor 15" 4 axis gyro stabilized ball for long range Observation & Surveillance on moving platforms such as ships and airborne applications.

The system consists of a principal LRU with optional additional processing unit for Video Tracking and Graphics overlay and ruggedized Joystick. The standard configuration includes:

- HD resolution long range MWIR Thermal Imager (3 FOV or Continuous Zoom).
- Full HD continuous zoom Daylight camera with Visible/NIR mode
- "Eye-Safe" Laser Range Finder
- Other options available.



Argos 15HD

Integrated within platforms in all sectors:



LAND



SEA



AIR