

Gyro Stabilised Sights

In service in coastal surveillance systems since 2007 and on the ships of the Spanish Navy since 2009, the Argos-15HD is the standard long distance optronic surveillance system on Spanish Navy and Polices force ships as well as by other navies.

It is a 4-axis gyro stabilised system able to maintain a perfectly stable Line of Sight even in the roughest of seas.

The standard system includes the long-range Castor thermal camera (3 FOV or Continuous Zoom) and Taurus Daylight cameras and a Laser Range Finder.

Longer range variants which will also include a SWIR camera are planned.



Optronic for Surveillance

EO/IR Systems



Gimballed Optical Payloads

With more than 30 years experience in the development of advanced optronic systems, Tecnobit offer a range of solutions for both medium and long-range surveillance for both fixed installations and mobile platforms.

These include individual cameras for system integrators, more complex Sensor Modules or complete Pan & Tilt or Gyro Stabilised systems.

Designed and manufactured to the very highest standards, Tecnobit's range of Optronic solutions are idea for many Surveillance applications and offer the following advantages:

Latest generation of high sensitivity, high resolution MWIR detectors.

Proprietary design and manufacture of optics.

Gyro Stabilised solutions with state of the art performance.

High reliability and fully qualified for the harshest environments.

Sophisticated suite of Image Processing algorithms.

Fully MIL-STD Compliant.

All systems are 100% designed, developed, manufactured and maintained by Tecnobit in their Spanish facilities.



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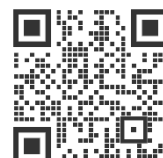
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Additional information:

[Optronic Systems](#)



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Single Camera Solutions

Tecnobit can supply either "Open Frame" cameras for customers to integrate into their own Sensor Module systems, or "Housed" single cameras available as fully MIL-STD qualified solutions which are ideal for use in "T" Tye Pan & Tilt platforms such as the Centinela-420HD shown below.

All single Leda cameras share a common electrical and logical interface, with both HD-SDI digital and PAL/NTSC analogue video outputs with options for Giga Ethernet video too.

Currently limited to the following 4 cameras, the range is expected to expand with the addition of an HD version of the Orisón and the longer-range Castor 530HD once they are available.



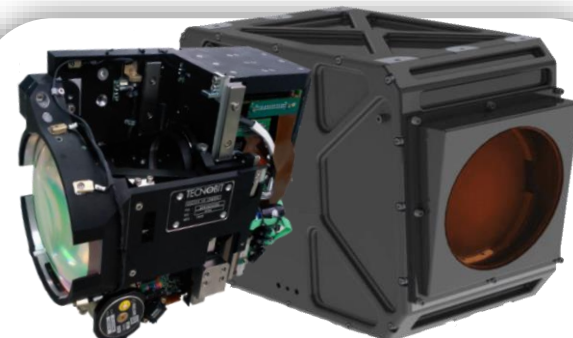
**ORISON-230HR & LEDA-C230HR
THERMAL CAMERAS**



**CASTOR-Z420HD
THERMAL CAMERA**



**TAURUS-Z500FHD & LEDA-T500FHD
DAYLIGHT CAMERAS**



**CASTOR-3F420HDL & LEDA-C420HD
THERMAL CAMERAS**



CENTINELA-420HD PAN & TILT

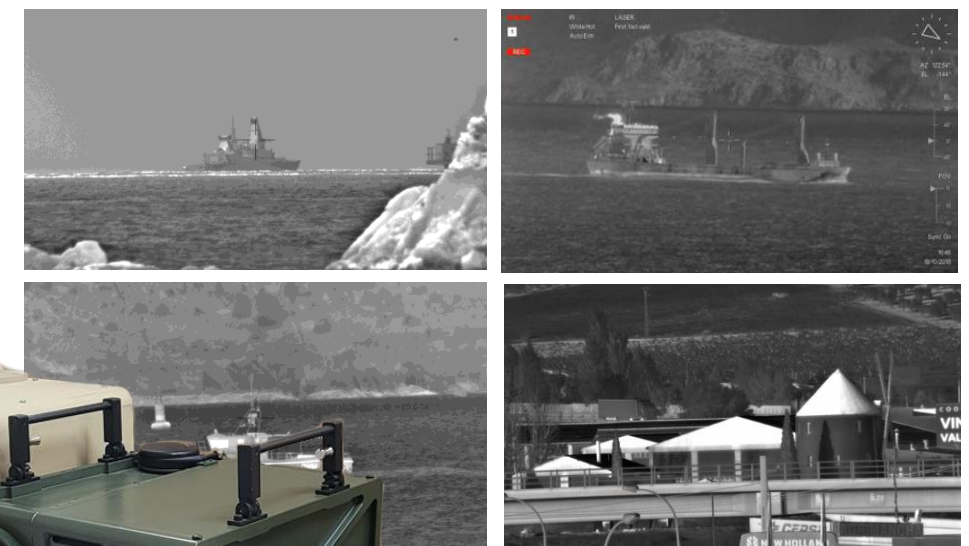
Sensor Modules Solutions

As well as single Open Frame or Housed cameras, Tecnobit have a range of Sensor Modules that include Tecnobit's own Thermal and Daylight Cameras together with options for Laser Range Finders, Laser Pointers, GPS and DMC modules.

This format generally offers a more compact and lighter weight solution than separate cameras, with all sensors factory bore sighted, simplifying maintenance actions and can be easily integrated with a "U" type Pan and Tilt such as that shown below.

Varying in size and DRI range from the largest 34Kg Leda-S530HD to the smallest 8Kg Leda-S230HR, Tecnobit can adapt their systems to provide the ideal solution to any requirement.

**TECNOBIT LEDA-S
SENSOR MODULES**



CENTINELA-230HR