

Argos 15HD

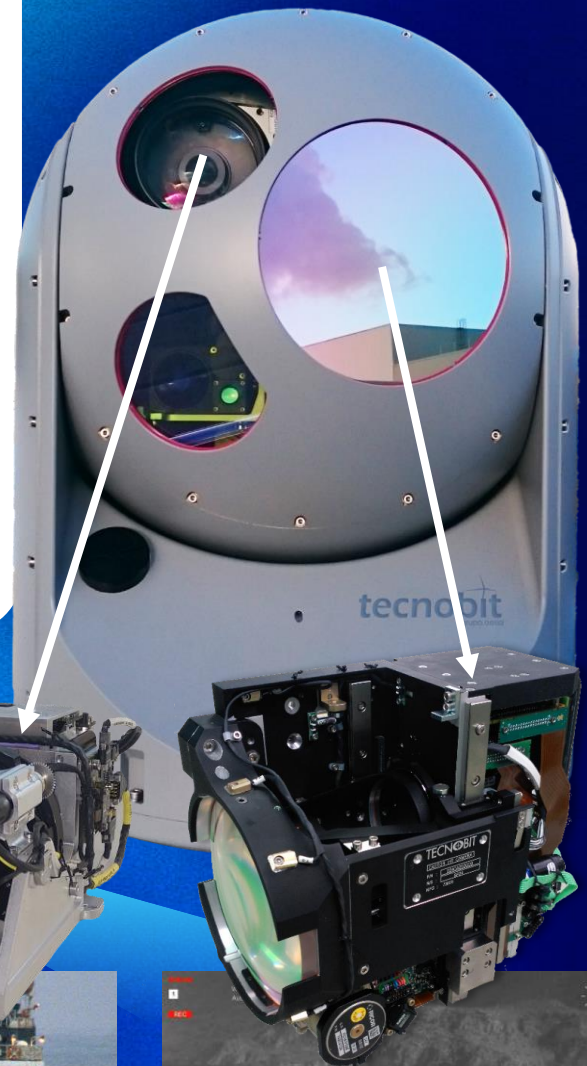
4 Axis Gyro-Stabilized System

Naval qualified, high performance, long range electrooptical system for day/night surveillance for use on moving platforms or coastal /boarder surveillance mast systems.

The 4-axis gimbal assures state of the art Line of Sight stability to less than 10µrad even in the roughest conditions resulting in clear Sharp images from the Optical payload ensuring maximum DRI ranges.

Internal Camera

Castor-420HD Thermal
Taurus-Z500FHD Daylight



Merchant vessel moored at 3Km, Gibraltar in background



Same Merchant vessel with maximum zoom



Merchant Ship at 10Km, South coast of Spain

Electrooptic Vision Systems

Long range cameras coupled to state-of-the-art Line of Sight stabilisation.

High reliability, fully digital, Maritime qualified electrooptical surveillance system

Includes video graphics and AI based automatic video tracking.

Argos-15HD characteristics

Electro-Mechanical

Dimensions / Weight	Ø360mm (15") x 528mm (20.7") / 48Kg
LOS stabilisation	<12µrad rms
Field of Regard	-35° to +85°
Angular Velocity	60°/s max (both axis)
Interface	28Vdc (110W nominal), HD-SDI & PAL/NTSC, RS422 & Ethernet.
Temperature	-20°C to +55°C

Thermal Imager

Spectral Range	From 3.7 to 4.9 µm.
Detector Type	10µm pitch 1280 or 1024 resolution detector
Optics	Continuous Zoom or 3 FOV Switch Optics from 28° to 1.3°
Cooling time / Life	< 7 minutes (@ 25°C) / 10,000 hours cooler life

Daylight Camera

Type	10µm pitch Full HD 1920 resolution colour CMOS sensor
Optics	x45 Continuous zoom – 34° to 0.75°

Laser Range Finder

Range Finder Type	Eye safe, Class 1 - 1.54µm wavelength
Range Finder Distance	80 to 20,000m

ARGOS-15HD forms part of a wider range of Optronics products developed and manufactured by Tecnobit for a variety of platforms that include ships, aircraft, helicopters and both fixed and ground mobile terrestrial applications.



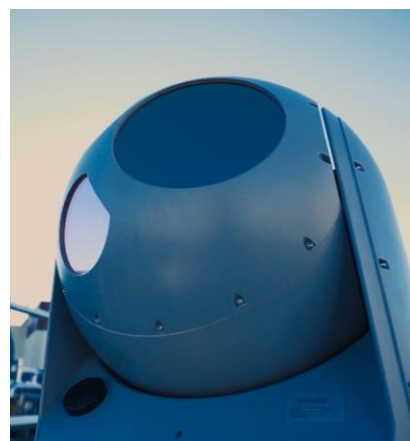
FALCATOS
Gyro Stabilised Sight



Leda-S230HR
RWS Sight



Castor-Z420HD
Long range thermal camera



ARGOS-15HD

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



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