

 **Smart Vision** > Optronics

Argos 15-HD

EO/IR System

The ARGOS-15HD is an electro-optic system for day/night use, providing the very highest performances & intended for navigation, observation and surveillance on fixed ground stations or moving platforms such as ships or aircraft. Its 4 axis gyro stabilised platform achieves the state of the art Line of Sight stabilisation system demanded in order to match the performance of its very long range optical payloads.

Key features:

State of the art gyro stabilisation for very long range optronic payloads.

Multiple control and video interfaces for multi user distributed installations.

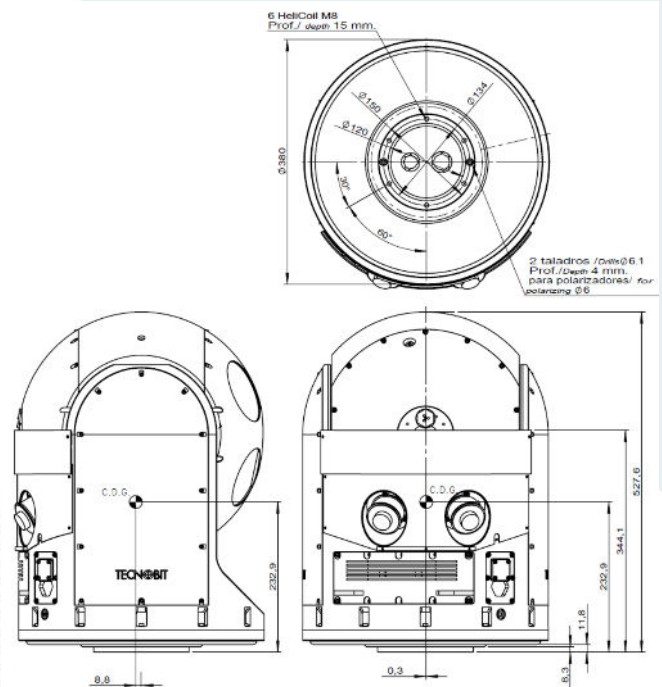
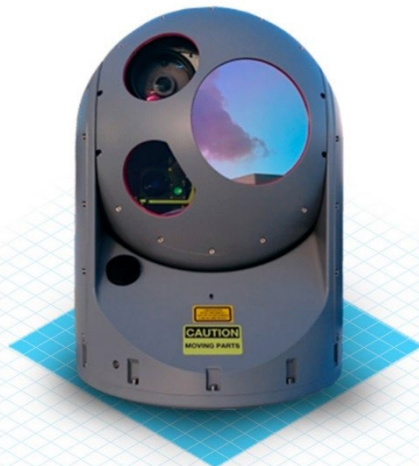
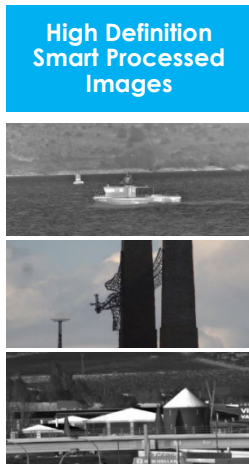
Standard payload of long range MWIR and Visible cameras with Laser Range Finder .

High Reliability, fully digital and fully qualified to Maritime environments

Includes Automatic Video Tracking, sophisticated graphics capability and built in video recording

Perfect boresight and focus through zoom for Optronic Payload.

The Tecnobit ARGOS-15HD system is part of a wide range of Optronic products developed by Tecnobit for a variety of platforms including ships, aircraft, helicopters, vehicles and fixed ground applications. The system is 100% designed, developed, manufactured and maintained by Tecnobit in its Spanish facility.



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	-32°C to +55°C
Thermal Imager	
Spectral Range	From 3.7 to 4.9 µm.
Detector Type	10 x 10 µm 1280 or 1024 resolution detector
Optics	Continuous Zoom or 3 FOV Switch Optics from 1.3° to 26°
Cooling time / Cooler Life	< 7 minutes (@ 25°C) / 10,000 hours cooler life
Daylight Camera	
Type	Colour, Full HD 1920 x 1080
Optics	x50 Continuous zoom – 36° x 20° to 0.75° x 0,42°
Laser Range Finder	
Range Finder Type	Eye safe, Class 1 - 1.54µm wavelength
Range Finder Distance	80 to 20,000m



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