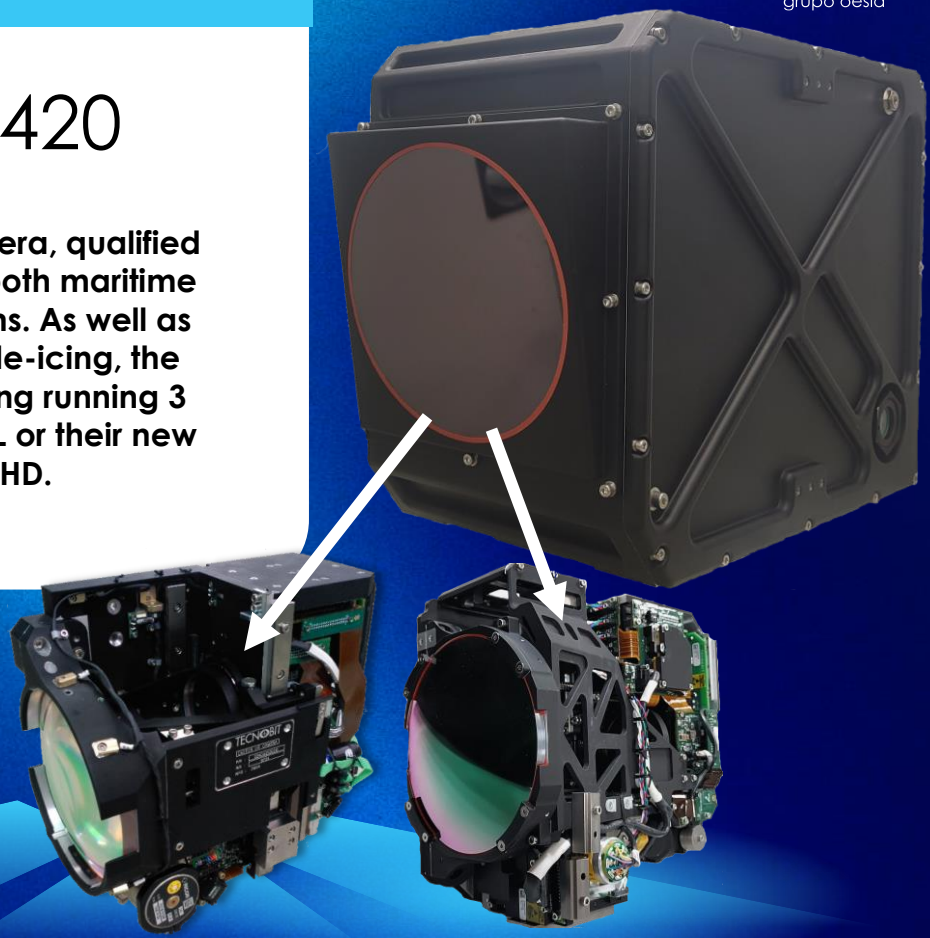


Leda C420

Long range MWIR thermal camera, qualified for the harshest conditions for both maritime and Ground Mobile applications. As well as options for wiper and window de-icing, the camera can integrate either long running 3 Field of View CASTOR-3F420HDL or their new continuous zoom CASTOR-Z420HD.

Internal Camera

CASTOR-3F420HR/HDL
or **Castor-Z420HD**



Type 45 Frigate at 22Km,
South Coast of UK



RIB and crew at 1.5Km,
Plymouth.



Merchant Ship at 10Km,
South coast of Spain

Electrooptic Vision Systems

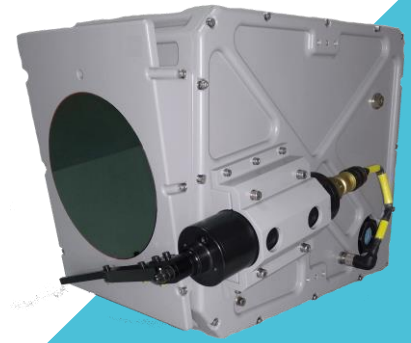
Available in either
VGA, XGA or HD
resolution with
Continuous Optical
Zoom or fast
switching 3 Field of
View.

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.

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

Leda C420 Naval



- **Compact Long Range MWIR Cameras** in protective housing, fully qualifies for both Ground Mobile and Naval applications.
- **Perfect Focus and Boresight through Zoom** over the full temperature range.
- **Multiple options for mounting the housing** – can be mounted on upper, lower or lateral side.

The LEDA-C420 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-C420HR/HDL characteristics

IR Camera Characteristics.

Wavelength	3.7 a 4.9µm (Visible y NIR)
Detector Type	InSb or CMT FPA Detector with 1280-, 1024- or 640-pixel resolution.
NETD	<30 mK
Cooling Time	< 7 minutes
Optics	Continuous zoom HD from 28° to 1.7°, or 3 Optical Fields of View XGA with 21°, 4.5° and 1.3° with digital continuous zoom to x4
Alignment of FOVs	Less than 2 pixels
FOV change time	<0.7 seconds (3 discrete FOV) or <1.5 seconds (continuous zoom).

System Characteristics

Dimensions / Weight	170mm (w) x 247mm (h) x 346mm (l) <12Kg (14 with wiper)
Video Output	Analogue Video - RS170 or CCIR. Digital Video – Giga Ethernet or SDI (SD or HD according to resolution & framerate). Low Latency (<20ms)
Power	28Vdc IAW MIL-STD-1275 < 20 W in steady state, up to 50 W when heater and wiper functioning).
Control	RS422 or Ethernet
Wiper / Window Heater	Optional

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



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Additional information:

[Optronic Systems](#)

