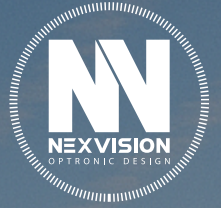


# eMAS

## ADVANCED EMBEDDED SYSTEM TO AVOID MARITIME COLLISIONS



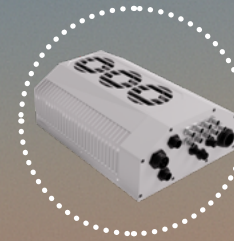
- > **Detection range** : 1 nautical mile during the day, less on very dark nights, depending on the obstacle's heat emission and size.
- > **Detect** : boats, cetaceans and floating objects above the surface.
- > **Estimates direction** of obstacle movement.
- > **Simple man-machine interface** with visual and audible warning, automated display zooming in on the identified obstacle and video replay of the detected event.



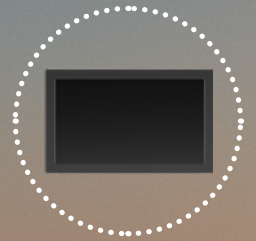
Detection



Recognition



AI calculator



Display





# Our advanced detection system combines pattern recognition and spectral signature analysis for precise multi-dimensional target identification.



**Detection**, surveillance,  
situational awareness

- Visible + thermal Infrared (LWIR)
- Ultra high resolution (Vis 12Kx4K, LWIR 3840x1024px)

## eVCAM-PAN0180-DUAL

Panoramic camera 180° HFoV



## eGSG

GyroStabilized Gimbal

Long range **identification**

- Color 4Kx4K zoom + night vision NATO level 3 VNIR 4Kx4K zoom + fixed focal 6° FoV thermal Infrared LWIR 1280
- 12 inch
- Options : LRF, illuminator, spotter...

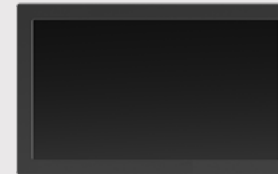


## eVPU

Vision Processing Unit

**AI calculator** : detection, recognition and navigation trajectory advice based on object trajectory to avoid collision

- A powerful embedded calculator for AI based situational awareness
- Perfect for data fusion, image processing and analysis
- 1000Top/s - 100Gb/s data stream - 100w



## eHMI-VIEW-PAD

Rugged display

**Viewer**

- A rugged multifunction display for viewing images or replaying sequences



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