

# MICRO-UAS FOR NAVAL OPERATIONS

## DIODON HP30



The DIODON HP30 is a micro-unmanned aerial system natively conceived for maritime and aquatic environments.

Thanks to 5 years of operational feedbacks from military end-users and first responders, the DIODON HP30 is a turnkey solution to improve situational awareness and decision-making from all crafts, by day or by night.

The high versatility of the system enables it to meet a wide range of naval requirements for missions related law enforcement at sea.

To discover see the DIODON HP30 in action, click on the following link: <https://youtu.be/Jb69qQLUbXc>.

« I WANT ONE DRONE PER BOAT: BIG BOAT, BIG DRONE. SMALL BOAT, SMALL DRONE. »

### UNIQUE MARITIME SPECIFICATIONS

**100% waterproof & waterlanding capabilities**

-

**Adaptable from RHIBs to patrol vessels**

-

**Range & endurance consistent with naval short range reconnaissance**

-

**Beaufort 7 wind gusts resistance**

-

**Easy to operate, minimum training requirement**

# DIODON HP30

## MICRO-UAS FOR NAVAL OPERATIONS

### AN OPERATION-READY PRODUCT

#### DAY/NIGHT CAPABILITIES

Real-time video:

- EO: 1280x720 (HD)
- IR: 640x512



#### DESIGNED FOR:

Fight against trafficking  
Fisheries monitoring  
Counter-terrorism at sea  
Anti-piracy operations  
Border control  
Covert operations  
Search-and-Rescue at sea  
Assistance to ships in danger  
Pollution response

#### USED BY MARITIME PROFESSIONALS

- Range of 3 nautical miles & a 30-minute flight-time,
- Completely waterproof and resistant to submersion (IP56+) and deployable up to Sea State 4,
- Positive buoyancy to take-off and land on water,
- Highly shock-resistant thanks to its semi-rigid inflatable structure & military-grade components,
- Easily transportable, quickly deployed and mission-ready thanks to a quick swap waterproof battery,
- Easy to maintain in operational condition for long periods of time thanks to a "lego" structure.



### SYSTEM INTEGRATION



#### COMPLETE UNMANNED AERIAL SYSTEM

The remote control and the mission interface were both developed to be used from and facilitate decision-making on small crafts and harsh terrains. As such, operators may easily broadcast the video feed and deport antennas to maximize range. If required, the drone may be integrated to Command & Control systems.

#### BESPOKE CAPABILITIES

With its amphibious nature, the DIODON HP30 paves the way for new tactical schemes, from dead sensor capabilities, to standby options, to submarine launched capabilities (<https://youtu.be/IzD69-ynGXc>).