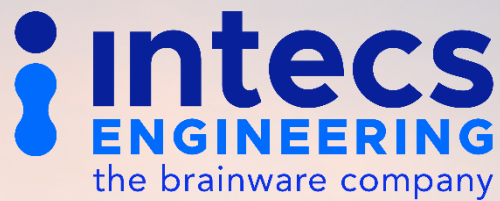


DEDALO

DRONE DETECTION SYSTEM



Intecs, founded in 1974, is an Italian private Company at the forefront in the design and implementation of high-tech electronic systems for the AeroSpace, Defence, Transport and Automotive markets, where safety, reliability, innovation and quality are the key ingredients for success. Intecs designs and develops products, applications, tools and software components for complex electronic systems in cooperation with major European and Italian Industries, Organizations, Universities and Research Centers.



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DEDALO

DEDALO is a Drone Detection System based on passive Radio-Frequency technology for detection, classification and localization of drones (commercial and homemade) and their pilots in order to protect prisons, airports, critical infrastructures and sensitive sites (in urban and suburban context), without interfering with public infrastructures and surrounding networks.

DEDALO works by detecting the communication between the drone and its pilot ensuring 24/7 protection.



DEDALO Decoding Library

DEDALO Decoding Library is based on the identification of specific Radio-Frequency signatures of drones communication protocols. This Library is continuously updated to provide full coverage against the threats of commercial and homemade drones.



DEDALO Key Points

- ☐ Modular system
- ☐ Passive system
- ☐ Fixed and mobile installation
- ☐ High portability
- ☐ Good cost/effective ratio
- ☐ Integrable with other sensors and C&C



SENSOR DATA SHEET

WORKING FREQUENCIES

433/868/915 Mhz and 2.4/5.1/5.8 Ghz

DRONE DETECTION RANGE

Up to 3 Km (source power emission dependent)

DRONE DETECTION MODE

Passive, fast, continuous, automatic and omnidirectional

IP RATING

IP65

OPERATING TEMPERATURE

-20, 60 °C

STORAGE TEMPERATURE

-40, 85 °C

OPERATING HUMIDITY

10 - 90 %

NOT OPERATING HUMIDITY

5 - 95 %

POWER

90-260 V_{AC}

POWER CONSUMPTION

< 80 W

WEIGHT

< 10 Kg

CERTIFICATIONS

CE Mark

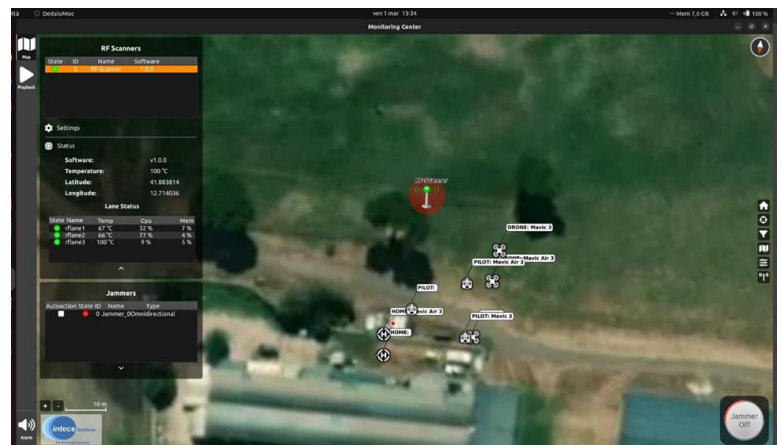


DEDALO MOnitoring Center (MOC)

The MOC is the Graphical User Interface of DEDALO system and provides to the operator a primary window that shows the tactical scenario and a secondary window that allows to:

- ☐ view the list of drones and related pilots identified by the system,
- ☐ view the frequency spectrum,
- ☐ set the system operating parameters.

The MOC also provides the Recording & Playback function for off-line analysis.



CONTACTS



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