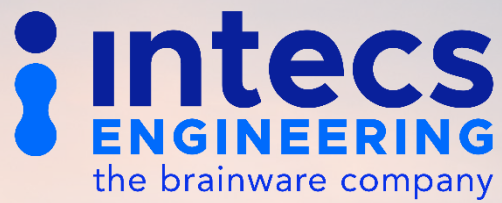


SkyCare

COUNTER UAV 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.



SkyCare
Drone
Detection
Unit

SkyCare
Jamming
Unit



SkyCare

SkyCare is a counter UAV system based on radio frequency technology for the detection and neutralization of UAVs, capable of offering continuous, automatic and omnidirectional protection against UAV threats.

SkyCare has been designed to be modular, scalable, and compact, ensuring easy transportation, installation, and integration with additional sensors and higher-level command and control systems.



SkyCare Decoding Library

Skycare 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 self-built drones.



SkyCare Jamming Power

Skycare Jamming Power is adjustable with three power levels, allowing precise regulation of jamming propagation across the frequency bands used by drones, including the GNSS band.



SkyCare Key Points

- ☐ Modular system
- ☐ Fixed and mobile installation
- ☐ High portability
- ☐ Integrable with other sensors and C&C



SENSOR DATA SHEET

WORKING FREQUENCIES

433/868/915 Mhz and 1.5/2.4/5.1/5.8 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, 50 °C

STORAGE TEMPERATURE

-40, 85 °C

OPERATING HUMIDITY

10 - 90 %

NOT OPERATING HUMIDITY

5 - 95%

POWER

90-260 V_{AC}

POWER CONSUMPTION

< 80 W (Drone Detection Unit)

WEIGHT

< 30 Kg

CERTIFICATIONS

CE Mark



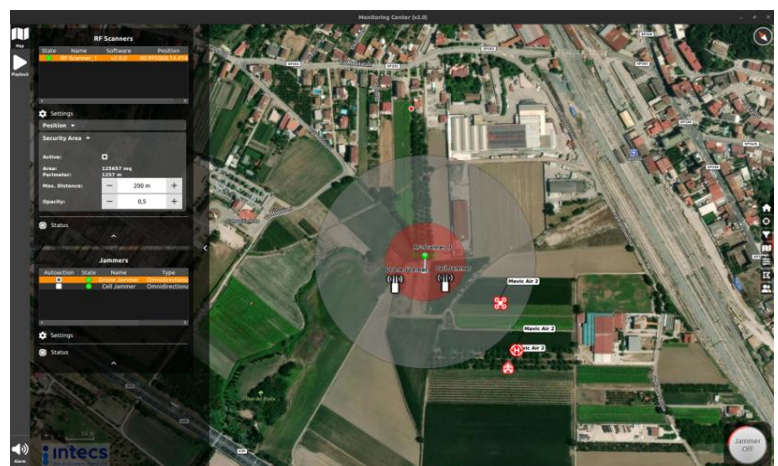
SkyCare MONITORING CENTER (MOC)

The MOC is the Graphical User Interface of SkyCare 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.

Furthermore the operator can manually or automatically activate the jammer to initiate the countermeasure action aimed at preventing the UAV from entering the perimeter of the sensitive area.

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



CONTACTS



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