



Combined passive system for small drone (UAV) detection

Key Features:

- Radio communication detection
- Thermal trace detection
- Acoustic detection
- Direction finding capability
- All sensors are implemented in the portable DETUAV module, which is placed on a manipulator (rotator)

Radio Receiver 2.4 GHz:

- Detection range up to 2 km
- Sensitivity -96 dBm

Radio Receiver 5.8 GHz:

- Detection range up to 1 km
- Sensitivity -92 dBm (-122 dBm with preamp)

Thermal Camera:

- Detection range up to 300 m
- Three detection algorithms

Acoustic Sensor:

- Detection range up to 200 m
- Sound classification using neural network

Software:

- Raw sensor data visualisation
- Drone signal analysis
- Basic drone identification and tracking
- Direction finding with map view

