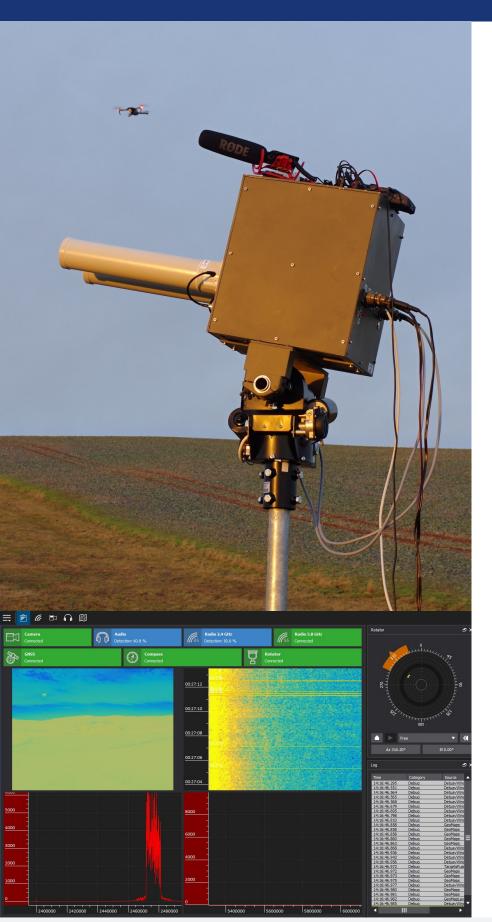
## **DETUAV**



# 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



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