

DRONE DETECTOR **DTS-CaDe**



GENERAL DESCRIPTION

This portable, single-user drone detection system conveniently fits in a MOLLE pouch for easy carrying. Equipped with a wide detection range, the **DTS-CaDe** utilizes advanced AI to identify and locate drone and controller signals, keeping you informed of potential threats.



FEATURES

- Easy to use
- Portable, robust and durable housing
- Graphical and headless UI
- Modular omnidirectional antenna
- Internal directional antennas
- High input gain (20dBm+)



APPLICATIONS

- Drone detection
- Spectrogram visualisation
- RF Signal analysis
- Drone/remote positioning
- RF signal positioning



DRONE DETECTOR DTS-CaDe

RF information

Parameter	Value
Wifi monitoring frequencies	2.4 GHz & 5 GHz
RF frequency range	100 MHz – 6 GHz
Detection range	2-4 km

Antennas

Parameter	Value
Internal directional antenna	2.2 – 2.7 GHz & 5.1 – 5.9 GHz
External omnidirectional antenna	433 MHz, 900 MHz, 1.1-1.4 GHz, 2.2-2.7 GHz, and 5.1-5.9 GHz

Power parameters

Parameter	Value
Battery life	12 h
Battery charger	Type-C fast charging
Power consumption	5 W
Charging time	3.5h

Physical specification

Parameter	Value
Dimensions (WxDxH)	90x45x140 mm
Weight	660 g
Operating temperature	-25...+40 °C
Environment resistance	IP67

Miscellaneous

Parameter	Value
Connection type	Type-C
Notification	LED, vibration and headphones
Attachment method	MOLLE
Country of origin	Estonia