

Dronetag Beacon

Slap-on Remote ID device
so your drone can legally fly

Dronetag Beacon is an effortless way to let your drone fly safe & compliant with the latest EU & US regulations mandating Direct Remote Identification. It is compatible with any kind of drone and works anywhere on the planet.



BECOME VISIBLE

Direct Remote Identification in compliance with the EN 4709-02 and ASTM F3411 standards.



TRACK YOUR FLIGHTS

Plan, track in real-time and analyze your flights when combined with our mobile app.



MANAGE YOUR FLEET





Use our mobile app to coordinate all drones within your organization.



WHY REMOTE IDENTIFICATION?

Remote identification, a system that allows drones to be visible to other airspace participants, will be required for all flights within the Specific category in the EU from 1/2024 and all flights in the US from 9/2023. Dronetag Beacon is the bare minimum to comply with both of those regulations.

TECHNICAL SPECIFICATION

 Weight	16 g
 Dimensions	37×26×16 mm
 Power Supply	5V
 Battery	200 mAh LiPo

- 8-16 hours battery life (depending on the configuration)
- All modules and antennas are already built-in (GNSS, Bluetooth)
- Barometer and accelerometer for extra functions
- Strong reclosable 3M Dual Lock fastener
- 3D printed sturdy case

CONNECTIVITY

- Bluetooth 4.0 and 5.0 Compatible Module
- GNSS Receiver Supporting GPS, GLONASS, Galileo, and SBAS

PORTS

- Micro USB for Charging and Data Transfer
- 4-pin JST SH for Integration with Flight Controllers and Peripherals
- MMCX for External Bluetooth Antenna

FEATURES

- Direct Remote Identification via Bluetooth with 1.5 km Broadcast Range
- Optional External Bluetooth Antenna Support
- Compliant with EN 4709-02 and ASTM F3411 Standards
- Internal Battery or Drone as Power Source
- Firmware Over the Air Support
- Drone Take-Off and Landing Detection*
- Free Fall Detection*
- MAVlink and DJI A3 Support*

* Currently in Development

WHAT DATA IS TRANSMITTED AND BROADCASTED?

- Drone and Pilot Identification
- GNSS Position, Speed, and Accuracies
- Atmospheric Pressure
- Device Battery Charge Level

DRONETAG WEB & MOBILE APP

An integral part of the solution is our mobile app for iOS and Android that allows you to control your Dronetag device and see other aircraft in the airspace.

Get your Dronetag Beacon at shop.dronetag.cz