

# 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 regulations mandating Direct / Broadcast 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.



### WHAT IS REMOTE IDENTIFICATION?

Remote identification is a system that allows drones to be digitally visible to other airspace participants. Remote ID rule for drones in Japan has been approved as of September 2021 and implementation has been started in June 2022. Remote ID will be mandatory for all operators in the US from September 2023 and for all EU flights in the Specific category from January 2024.

## 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 / Broadcast Remote Identification via Bluetooth with 3 km (1.8 miles) 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](https://shop.dronetag.cz)