

Dronetag RIDER

Portable Remote ID Receiver Enhancing Situational Awareness

A compact, wireless, battery-powered Remote ID receiver, designed for public safety organizations and professional pilots. RIDER is drone-agnostic and captures all Broadcast/Direct Remote ID data from modules and aircraft such as DJI, Autel, and Parrot to up to 10 km range. The data is sent in real-time to the Dronetag App for data visualization and airspace alerts.



Flexible Mounting and Various Alerts

Clip RIDER to your backpack, hang it to your radio controller, or slip it into your pocket; it will notify you of nearby drone activity through an integrated buzzer and LEDs.



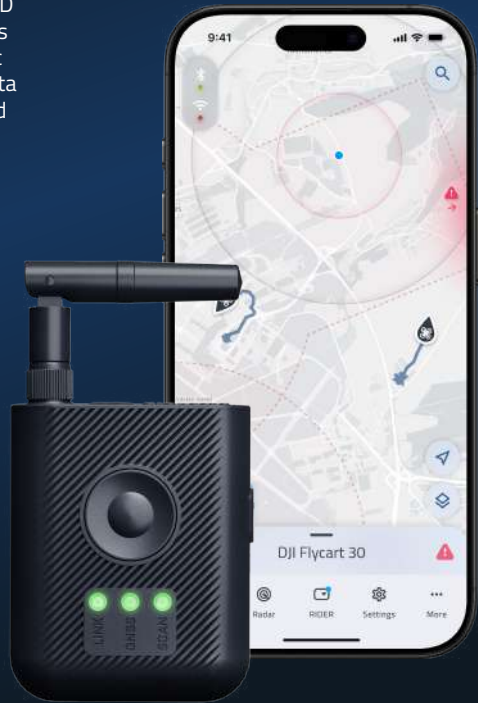
Multiple Options for Data Transmitting

RIDER has three choices for real-time data sharing: via integrated LTE, Bluetooth, or USB-C, allowing online or offline data transfer for private/sensitive operations.



Cross-Platform App for Airspace Overview

Visualize, store and export real-time aircraft data such as position, height, and speed via our multiplatform app for Android, iOS and web.



Contact us at
sales@dronetag.com
for more information

Trusted by



Any Broadcast/Direct
Remote ID

Bluetooth / Wi-Fi *

Dronetag
RIDER

Bluetooth / USB

Visualization
App

LTE

Dronetag
Cloud Platform

API

Integrations with
UTM & other
3rd-party systems

Internet

* Standardized Remote ID via ASTM F3411-22A and ASD-STAN EN 4709-002

● Online mode ● Offline mode

Technical Specifications

- ▶ **Weight:** 64 grams with antenna
- ▶ **Dimensions:** 134×53×20 mm with extended antenna
- ▶ **Power Supply:** 5V via USB-C
- ▶ **Battery:** Li-Po 1000 mAh
- ▶ **Average Battery Life:** 6-10 hours (depends on configuration)
- ▶ **Operating temperature:** -20 °C to +60 °C (4 °F to 140 °F)
- ▶ **Range:** 5 km/3 miles with default antennas
- ▶ **IP rating:** IP54
- ▶ **Supported LTE bands:** 2, 4, 12 for US, 3, 8, 20 for EU
- ▶ **Supported GNSS Frequencies:** GPS L1, GLONASS L1, Galileo E1, BeiDou B1, SBAS
- ▶ **Remote ID technologies:** 2.4 GHz Bluetooth, 2.4 GHz Wi-Fi
- ▶ Built-in chip SIM with global coverage (LTE-M and NB-IoT)
- ▶ Internal Cellular and Bluetooth antenna for data transmission
- ▶ Integrated GNSS antenna for positioning & timestamping
- ▶ Onboard storage for saving flight data when using without the app
- ▶ SMA connector for 2.4 GHz Remote ID antenna

Features

- ▶ **Compact and Portable Design**
Easily attachable anywhere, small, handy, and perfect for on-the-go use.
- ▶ **Premium Customer Support**
Backed by comprehensive warranty and dedicated customer support with firmware over-the-air support.
- ▶ **Tailored for Both State Institutions and the Private Sector**
Whether you're a pilot monitoring nearby drones or in rescue services and law enforcement needing surveillance, RIDER detects every drone.
- ▶ **Spoofing Protection**
Multiple RIDER deployments ensure authenticity of Remote ID messages for validating their trustworthiness.