

Dronetag RIDER

Handy 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 Skydio 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

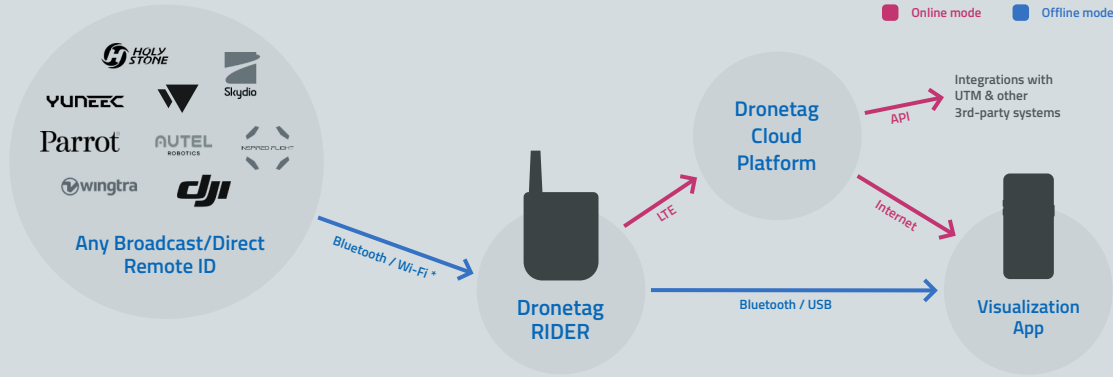
RIDER has three choices for real-time data sharing: via integrated LTE, Bluetooth, or USB-C, allowing online or offline data transfer for private/sensitive operations.



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.

■ Online mode ■ Offline mode



* Standardized Remote ID via ASTM F3411, and ASD-STAN prEN 4709-002

TECHNICAL SPECIFICATION

	Weight	58 g
	Dimensions	95×55×18 mm
	Charging	5V USB-C
	Battery Life	8-14 hours (depends on configuration)

Operating temperature: -20°C to +60°C (-4°F to 140°F)

Range: up to 10 km (extendable by optional high-performance antenna)

IP rating: IP55

Battery: Li-Po 600 mAh

Supported LTE bands: 2, 4, 12 for US, 3, 8, 20 for EU

Supported GNSS frequencies: GPS L1, GLONASS L1, Galileo E1, SBAS

Remote ID technologies: 2.4 GHz Bluetooth, 2.4 & 5.8 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 & 5.8 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.

Contact us at sales@dronetag.cz for more information