RF-300 Sensor

RF-based localization finds drones
and their pilots

RF-300

The RF-300 is a passive, network-attached radio sensor for the detection, classification, and direction finding (geolocation) of drones and their remote controls.

Key features

→ RF-based localization finds drones and pilots

→ Automatically tracks and plots flight and pilot position on map

→ Provides information on "hotspots" of drone activity

→ Not subject to approval

Specifications

Range (line of sight)	Up to 0.65 mi (1.0 km), up to 1.0 mi (1.5 km) in ideal conditions
Accurancy of Direction Finding[1]	±5° (mean error)
Geolocalization	With two or more RF-300, also through Wi-Fi signals
Device Type	Sensor
Radio Frequency	Omnidirectional passive detection, classification, and direction finding
L x W x H	7.7" x 3.7" x 14.4" (195 mm x 95 mm x 365 mm)
Weight	6.8 lb (3.1 kg)
Ingress Protection Rating	IP65
Operating Temperature	-4 °F to +131 °F (-20 °C to +55 °C)
Power Supply	PoE+ (IEEE 802.3at)
Power Consumption	18 W (typical)
Connectivity	Via LAN to existing IT infrastructure
Configuration, Operation, and Alarms	Via the browser-based DroneTracker software (requires valid license)
Software Updates	Firmware and DroneDNA updates via a DroneTracker instance (cloud or server)

1 *in the 2.4 GHz band

For more information contact sales@dedrone.com