Dedrone by AXON

DATA SHEET

RF-360

Cloud-ready, RF-based localization of drones and their remote controls

V 2.0

Dedrone by AXON

RF-360

The RF-360 is a passive, network-attached radio sensor for the detection, classification, and localization (geolocation) of drones and their remote controls.

Key features

- RF-based localization finds drones and pilots and plots them on a map
- Long-range drone detection and direction finding (up to 5 km)
- Fast installation and start-up due to cloud-readyness thanks to integrated LTE and GPS
- Provides information on “hotspots” of drone activity
- Optimized for RF noisy environments
- No legal authorization required

Specifications

Range (line of sight)	Under normal conditions 1.25 mi (2.0 km) for most drones Under ideal conditions up to 3.1 mi (5.0 km) for specific drones
Device Type	Sensor[1]
Radio Frequency	Omnidirectional, passive detection, classification, and direction finding
Localization Technology RF-360	AoA (Angle of Arrival)
L x W x H	12" x 12" x 15,96" (300 mm x 300 mm x 405 mm)
Weight	15.5 lb (7.0 kg)
Ingress Protection Rating	IP65
Operating Temperature	-4 °F to +131 °F (-20 °C to +55 °C)
Power Supply Cellular Operation	AC 100-240V 50/60 Hz max. 1 A
Power Supply on Premises Operation	PoE IEEE 802.3bt (60 W) or AC 100-240V 50/60 Hz max. 1 A
Power Consumption	24 W (typical)
Communication Technologies	Cellular Communication[2] or Ethernet
Connectivity	Via LAN to existing IT infrastructure or via the integrated mobile connection in the DedroneCloud
Configuration, Operation, and Alarms	Via the browser-based DedroneTracker.AI software (software version >= 5.0 and valid license)
Software Updates	Firmware and DedroneDNA updates via DedroneTracker.AI instance (cloud or server)

1 pole not included **2** for USA, Canada and most of Europe