Assess drone threats in just three steps

1. An RF-160 sensor is installed on-site and automatically detects drones and connects to the Dedrone Cloud via LTE.

2. DroneTracker software and sensors provide a comprehensive analysis of drone activity and incidents in your airspace.

3. To scale your airspace security system, integrate additional drone detection sensors such as RF-300, PTZ cameras, microphones and radar.

Comprehensive risk analysis with Dedrone Cloud:

✓ No on-premise server needed
✓ Automatic software updates via the cloud
✓ Secure, scalable and reliable
✓ 99.9% uptime SLA

FAQ on the back ➔
Dedrone Cloud
Frequently Asked Questions

01. Which sensors are cloud-enabled?
The RF-160 and the RF-300 can connect to the cloud.

02. How does the RF-160 protect the airspace?
The RF-160 has under normal conditions a range of up to 1.0 mi (1.6 km) for most drones and under ideal conditions up to 3.1 mi (5.0 km) for specific drones. By using radio signals, it reliably detects and classifies all commercial, hobby and DIY drones. DroneTracker software processes and analyzes the data of the RF-160 and generates automated reports with meaningful information about drone activity in the monitored airspace.

03. How do you find drones and pilots?
The RF-300 is another Dedrone radio frequency sensor which builds on data from the RF-160. RF-300 recognizes and classifies all types of drones. Two or more RF-300 sensors can work together to locate the drone and remote control in real-time, thus finding the pilot. Security staff can then mobilize to a specific location to confront the pilot, or initiate other protective and defense measures.

04. How are sensors connected to the cloud?
The sensors are connected via the integrated mobile connection (USA, Canada and most of Europe) or ethernet to the cloud.

05. Where should the RF-160 be mounted?
Ideally the sensor is on a mast at least two meters high or mounted on a roof, with a clear view of the surroundings.

06. Who installs the RF sensor?
The sensor is installed either by the customer or a Dedrone partner.

07. What’s needed to begin detecting drones?
1. Mount the sensor
2. Plug it in
3. Log on to the Dedrone Cloud and start monitoring the airspace

08. Are reports and alerts available?
Real-time alerts are available via SMS or email. Reports for weeks or months of drone activities can be downloaded directly from the software.

09. How does the system keep up with advancements in drone technology?
Dedrone’s DroneDNA database contains specific properties of available drones, which is the data used to validate whether or not an object is a drone, or another moving object. The DroneDNA database is constantly updated to ensure the latest drone models are detected.

10. What customer data is stored in the cloud?
No personal data is stored in the cloud, except the access data for the respective customer account (login and password).

11. Where is the Dedrone Cloud hosted?
• Amazon Web Services (AWS)
• Customer hosted accounts are local to their region
• SOC-1 (previously SSAE 16), SOC-2 and SOC-3 compliant

12. How is data secured in the Dedrone Cloud?
• AWS is the world’s leading cloud provider, leader in safety standards and is GDPR compliant.
• Amazon.com, Inc. is certified under EU-US PrivacyShield (EU-US Privacy Shield).
• Dedrone is GDPR compliant and our solution allows our customers to also be compliant with GDPR.

Would you like to learn more?
Go to www.dedrone.com or contact us at sales@dedrone.com