



UNDERSTAND EVERYTHING ABOUT THE

RD 350

The future of sensing

The only technology in the world that offers the cutting-edge precision and accuracy your business needs.





What is it?

The RD350 by Radaz is an innovative measurement system whose data can benefit various sectors, providing maximum **precision, efficiency, and versatility**.

Equipped with C, L, and P-band antennas and utilizing **Artificial Intelligence**, it can be trained to detect everything – from moisture and erosion to ant nests or buried objects.

What is it used for?

AGRICULTURE:

it monitors crop growth, biomass, soil moisture, and harvest forecasting;

FORESTRY:

it can be used for forest inventory, detecting ant nests and deforestation, as well as measuring soil and wood moisture in the yard;

MINING:

it detects rocks, measures soil subsidence precisely and creates digital terrain models;

CIVIL CONSTRUCTION:

it can monitor construction projects and detect erosion;

SCIENTIFIC RESEARCH:

it makes possible great discoveries in various fields, such as archaeology, detecting underground pipes and galleries, and even volcanology;

PUBLIC SAFETY:

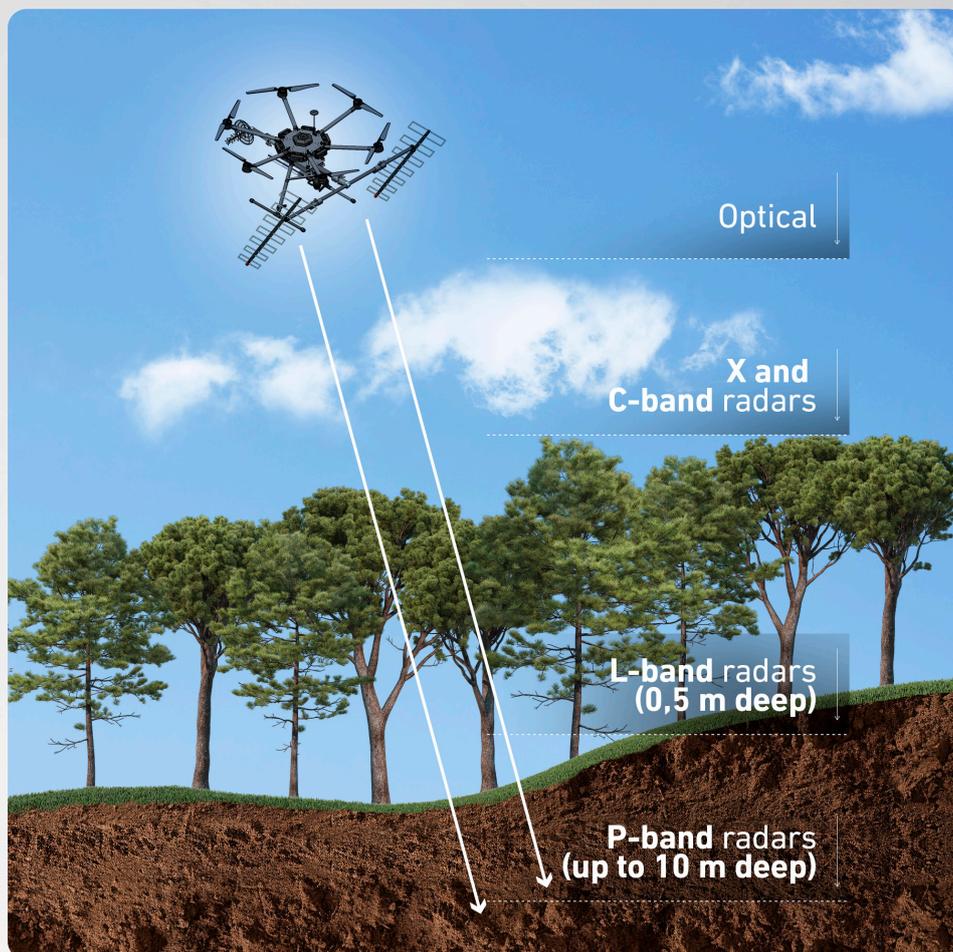
it can be used to monitor areas of interest and detect illicit activities;

OIL AND GAS:

it detects pipelines and monitors critical infrastructures.

One of the most precise and accurate technologies available

RD350 is the only three-band radar mounted on Class 3 drones in the world.



What are its features?

Weight: 5 kg;

Radar antennas: 2 in the C-band, 2 in the P-band, and 1 in the L-band;

Coverage: It offers two types of flights with different purposes. The linear flight covers up to 500 hectares per day. The helical flight covers up to 50 hectares per day;

Precision: scales of up to 1:5,000 and 1:500, respectively;

Flight altitude: up to 120 meters;
Resolution: up to 2 cm in the C-band, 6 cm in the L-band, and 18 cm in the P-band;

Automatic processing: data is processed automatically, delivering quick and efficient results.



HIGHLIGHTS

Why choose the RD350?



It penetrates
vegetation and soil
over 20 meters



It operates
independently of
sunlight and cloud
cover



It integrates with
Class 3 drones



Data obtained
hassle-free: precise,
accurate and automatic



Clients: which companies do we serve?

Radaz has a strong national and international presence, serving clients in the United Kingdom, Germany, the United Arab Emirates, and many other countries. Our technology enables various innovative projects worldwide, such as our most recent case: along with a major Brazilian group, we detected the exact number of ant nests in a vast area, contributing to the optimization of the company's business.

Our services

Our team is always available to assist at every stage of the technology's application: in training, providing technical and operational support, and carrying out necessary maintenance.

Schedule a demonstration or get in touch:

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