



DETECTOR

MAGDRONE R4

Applications

Handheld
Drone mounted

Types

Metal detectors (MD)

Last update

01/01/1970

General description

The MagDrone R4 is an ultra portable magnetometer survey kit with 5 triaxial Fluxgates to be attached to any UAV / drone with a 3000 g payload.

Working characteristics

The MagDrone R4 is an ultra portable magnetometer survey kit with 5 triaxial Fluxgates to be attached to any UAV / drone with a 3000 g payload. Its unique folding mechanism allows a sensor spacing of either 25cm or 50cm providing a 2.5m swath width. Other solutions are available on request! With 200Hz sampling rate the MagDrone series can easily filter out noise from net frequencies, infrastructure or the UAV / Drone motors. Hence, the MagDrone devices can be directly installed on the drone landing gear to enable a very compact setup. The MagDrone R4 survey kit can be used for general purpose surveys, science related magnetic cartographies, mine exploration, as well as for safety relevant operations such as area scanning for bombs and ammunition, preventive check and surveillance of areas and camps against intrusion. The MagDrone Data Tool helps to identify flown tracks, cut, filter and compensate the raw data, generates a preview and exports into various formats to further process the recorded values i.e. using the MAGNETO® software, GIS tools or Matlab with your own scripting.

Radio, audio, visual, sensitivity data

Transmission frequency	200 kHz
------------------------	---------

Power supply data

Battery	18 V; 1,5 Ah Li-Ion re-chargeable battery (90 min. recording)
---------	---

Dimensional data

Length	2077 mm
Weight	2.7 kg
Search head size	22 mm
Shape	Sensore tube foldable
Transport case provided	1
Transport case weight	3 kg

Price

Possible to rent	1
------------------	---

Other

Additional equipment	MAGNETO® Software
Other models	MagDrone R3

Other information

Images