



DETECTOR

MAGDRONE R3

Applications

Handheld
Drone mounted

Types

Metal detectors (MD)

Last update

01/01/1970

General description

The MagDrone R3 is an ultra portable magnetometer survey kit to be attachable to any UAV / drone with a 1+kg payload only.

Working characteristics

The MagDrone R3 is an ultra portable magnetometer survey kit to be attachable to any UAV / drone with a 1+kg payload only. The kit consists of Carbon fibre sensor tube with two built-in 3-axis Fluxgates, a 1-button data logger with internal SD card, rechargeable batteries, an integrated GPS as well as a serial live data output. It only needs some cable ties to mount the kit directly to the UAV. The MagDrone R3 is made and optimized for small and mid size survey UAVs that are shaped for less payload and longer flight times. The MagDrone R3 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. An associated software 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
Audio output	2

Power supply data

Battery	11.1 V; 1,950 mAh Li-Ion re-chargeable battery
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Dimensional data

Length	1070 mm
Weight	884 kg
Search head size	22 mm
Shape	Sensor tube
Transport case provided	1
Transport case information	Rugged case
Transport case weight	1 kg

Price

Possible to rent	1
Price for training	for further information please contact info@sensys.de

Other

Additional equipment	MAGNETO® Software
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Other information

Images