



DETECTOR

MK Metal Detector

Applications

Handheld
Drone mounted

Types

Metal detectors (MD)

Last update

01/01/1970

General description

The MK Metal Detector can detect metals below the ground. Most landmines and UXOs contain metals.

Working characteristics

The distance between the metal detector and the ground is about 4 cm. The MK Metal Detector can be connected with a Delta Robot or a Rope Robot below the MK Manta platform. Depending on the land surface the appropriate type of robot can be chosen. The MK Manta will follow the GPS instructions to collect all the detections. After the flight the data is downloaded to the MK Ground Station. Subsequently, the software will create the detection map with all the GPS coordinates. It will visualize it on the application with GEO fences and infographics.

Radio, audio, visual, sensitivity data

Audio output	3.5mm
Visual display	on the MK Ground Station
Depth indication	15cm depends on soil
Sensitive adjustment	1
Ground balance	1
Ground balance information	Has different modes of ground balance but the manual mode is at 90
Connectivity	Wireless connection to the remote control

Power supply data

Battery	Connected to the drone
Low battery alert	1
Low battery alert information	20% as per the drone

Dimensional data

Length	285 mm
Weight	0.491 kg
Search head size	285 mm
Shape	Round
Transport case provided	1
Transport case information	Come together in a case with other sensors, not by itself

Factory support data

Factory support	Call center and field support of needed (comes with the drone)
Warranty	1 year
Humidity (limitations)	Water proof
Water resistant	1
Temperature limitations	it can go below freezing and above 40 degrees celcius
Interference (with other detectors)	1

Price

Base price	27600 €
Reduction for higher quantity	depends on order
Possible to rent	1
Price for training	Leasing comes as a package with the drone

Other information

Images

