



DETECTOR

MK GPR

Applications

Handheld
Drone mounted

Types

Metal detectors (MD)

Last update

01/01/1970

General description

The GPR (Ground Penetrating Radar) works like a normal radar by emitting radio signals. The GPR emits radio signals in the ground and UXOs and landmines disturb these radio signals and can be detected by the GPR. The distance between the GPR and the ground is about 4 cm, because for best results the GPR must be as close as possible to the ground. The MK GPR 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.

Working characteristics

The MK Manta will follow the GPS instructions to collect all the data. After the flight the data is downloaded to the MK Ground Station. Subsequently, the software will create the map with all the GPS coordinates. It will visualize it on the application with GEO fences and infographics. At the end the software will create 3D visual to identify the object as precisely as possible.

Radio, audio, visual, sensitivity data

Transmission frequency	608000 kHz
Audio output	none
Visual display	yes, the ground station
Depth indication	depends on surface, our tests showed up to 2 meters deep
Sensitive adjustment	1
Ground balance	1
Ground balance information	Maximum RDP of 81
Connectivity	WiFi, the unit is connected through wifi to the device

Power supply data

Battery	Power source with the range of 10.6 to 15.2
Battery charger provided	1

Dimensional data

Length	210 mm
Weight	1.2 kg
Search head size	210 mm
Shape	Square
Transport case provided	1
Transport case information	Comes together with other attachments

Factory support data

Factory support	Call center and field support if needed (if the drone is purchased)
Warranty	1 year
Humidity (limitations)	Not water resistant
Interference (with other detectors)	1

Price

Base price	33100 €
Reduction for higher quantity	depends on the order
Possible to rent	1
Price for training	leasing comes as a package with the drone

Other information

Images