

SPECIFICATIONS

Zen Geomaps

“Leading Innovators in Drone Mounted Imaging Tools”

OUR INNOVATIVE SYSTEM THAT WE BUILT FROM THE GROUND.

Building from our experience working as a beta-tester for Geometric's new MFAM technology in 2017, we operate using the smallest, lightest and most sensitive mag sensor available on the market.

The end result is a developed drone-based system that can fly for 32 minutes on a single set of batteries and outperforms any of our competitors.

ADVANCING THE TECHNOLOGY

OPERATING PRINCIPLE - Geometrics Micro Fabricated Atomic Magnetometer (MFAM).

OPERATING RANGE Max – 10 km.

OPERATING ZONES – Can work anywhere in the world

SENSITIVITY - 0.00003 nT.

SAMPLING RATE - 1000 Hz.

NUMBER OF READINGS – 1000 Readings every second on each sensor.

NUMBER OF SENSORS FOR FLIGHT - 2

TYPE OF GPS – 3x DJI A3 receivers

MAG – Adafruit 66 Channel

NUMBER OF GPS FOR FLIGHT – 4

TYPE OF BATTERIES – TB48S (DJI Long range)

NUMBER OF BATTERIES IN THE DRON – 7

DURATION BY FLIGHT– 32 min

SCANNER PENETRATION DEPTH – 1,000 mts.

DRONE – DJI Matrice 600 Pro

TOTAL WEIGHT – 10 Kg.

TYPE OF SENSOR SUPPORT – Made from carbon fiber.

GUARANTEE – Cutting edge technology to obtain the best readings on the market.



The ability to view magnetic data at 1000hz, allows us to accurately "see" and filter out magnetic noise generated by drone motors



CONTACTO

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