



## WHY USE A UAV FOR SURVEYING AND MAPPING?

Your customers need quality data for decision making. Traditional surveying methods can expose employees to conditions that are dirty, dangerous or difficult.

Manned aircraft photogrammetry is sometimes overkill for smaller areas of land.

Aerial surveying drones fill an important need in the geospatial market!



### Benefits:



Reduce overall project time.



Improve job safety by eliminating human exposure to high risk areas.



Deliver unmatched accuracy performance in less time.



Simplify job planning so that a plan is completed in minutes.



Provide partner companies with the most advanced technology demanded by today's consumers.



Deploy everything needed for commercial work, a small package but a complete solution.

## Meet the Microdrones mdMapper Family of Solutions

### mdMAPPER200

#### ENTRY-LEVEL AERIAL MAPPING PACKAGE

Compact but robust, the md4-200 aircraft at the heart of this solution is lightweight and easy to transport – yet tough enough to stand up to rough weather and daily use.

#### Quick Specs

- Payload: up to .6 pounds (250 grams).
- Area covered in one battery charge: up to 74 acres (30 hectares).
- Sensor: SONY W830 (20.1-megapixel camera) with custom nadir mount.



### mdMAPPER1000

#### YOU'RE NOT PLAYING AROUND

Featuring our hard-working md4-1000 UAV to cover more area per flight, users enjoy the longest flight time on the market, superb stability, and resistance to rough winds, harsh weather, hot temperatures, high voltage, and strong magnetic fields.

#### Quick Specs

- Payload: up to 2.7 pounds (1.2 kilograms).
- Area covered in one battery charge: up to 198 acres (80 hectares).
- Sensor: SONY a6300 (24-megapixel camera) and nadir mount.



### mdMAPPER1000DG

#### MOST VALUABLE PLAYER

Thanks to direct georeferencing, surveying and mapping professionals who choose mdMapper1000DG will achieve significant cost savings, the highest possible level of accuracy, and dramatic time savings – with no ground control points.

#### Quick Specs

- Payload: up to 2.5 pounds.
- Area covered in one battery charge: up to 198 acres (80 hectares).
- Sensor: SONY rx1rii (42.4-megapixel camera).
- Inertial Measurement Unit (IMU): Applanix APX-15-L UAV.
- Georeferencing method: Direct georeferencing technology with Nadir mount.

