

FULLY INTEGRATED SURVEY EQUIPMENT OPTIONS FOR PROFESSIONALS



mdLiDAR1000LR: LONGER RANGE LiDAR & 26MP CAMERA ALL IN ONE, TO COVER MORE GROUND.

LR means longer range. You'll cover more ground from above. This translates to more efficiency than ever - the survey equipment, software, workflow, training and support that you need to be productive in the field.

mdLiDAR1000LR is a fully integrated system for producing 3D point clouds optimized for land surveying, construction, oil & gas and mining applications.

Ready to help you on the following tasks:

- Area Mapping / Surveying
- Mining
- Construction
- Volumetrics
- Precision Agriculture
- Digital Twins



mdLiDAR1000HR: PROVEN INDUSTRY LEADING DRONE LiDAR SURVEY EQUIPMENT AND SOFTWARE.

HR means high resolution pointclouds and increased coverage is made easier and more accessible than ever. This is the UAV, hardware, software, workflow, training and support that surveying professionals need.

mdLiDAR1000HR is a fully integrated system for producing 3D point clouds optimized for land surveying, construction, oil & gas and mining applications.

Ready to help you on the following tasks:

- Surveying
- Mining
- Construction
- Volumetrics
- Precision Agriculture
- Digital Twins



mdMAPPER1000DG: VERSATILE, AFFORDABLE DRONE PHOTOGRAMMETRY SURVEY EQUIPMENT.

A complete uav mapping solution that cuts cost, saves time, and pushes limits— according to the needs of your data deliverable project.

Conquer large surveying or mapping projects in a fraction of the time and master your geospatial data by putting direct georeferencing to work for you.

Ready to help you on the following tasks:

- Area Mapping / Surveying
- Corridor Mapping
- Construction
- Inspection
- Mining
- Precision Agriculture



LEARN MORE!



mdMAPPER1000DG 3D: COLLECT DATA AND CREATE 3D MODELS OF STRUCTURES, BUILDINGS AND NEIGHBORHOODS.

Model fine details, texture and all sides of structures in 3 dimensions. mdMapper1000DG 3D is a fully integrated drone mapping system that can be used for high wall mapping and 3D modeling.

You will capture all angles and surfaces of your subject with an integrated array of five cameras, seamlessly working together, and integrated into the processing workflow, all backed with the power of direct georeferencing.

Ready to help you on the following tasks:

- High Wall Mapping
- 3D Modeling
- Area Mapping / Surveying
- Construction
- Inspection
- Digital Twins



LEARN MORE!



mdTECTOR1000CH4: GET OVER YOUR GAS DETECTION PROBLEMS.

mdTector1000CH4, is a fully integrated aerial methane inspection package. It's purpose-built for professionals who are responsible for inspecting methane gas infrastructure.

mdTector1000CH4 consists of a Pergam gas sensor, mounted and integrated perfectly with a Microdrones md4-1000 UAV. It has an onboard HD video link. That means that you can see in real time what you are detecting with the laser sensor.

Ready to help you on the following tasks:

- Inspection
- Construction
- Emissions and Safety



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mdTECTOR
1000CH4



mdLiDAR3000LR: THE MOST POWERFUL DRONE LiDAR SYSTEM EVER, WITH THE CAPABILITY TO COLLECT VERTICAL FEATURES VIA A WIDER FIELD OF VIEW.

Go extreme with the most powerful laser scanner... extend your data collection reach from high above or collect extreme point density when flying closer to the ground.

mdLiDAR3000LR uses the lifting power, resilience and efficiency of the Microdrones aircraft platform to carry a perfectly integrated Riegl VUX-1UAV.

Ready to help you on the following tasks:

- Area Mapping / Surveying
- Construction
- Mining
- Volumetrics
- Power Line Inspection
- Precision Agriculture
- 3D Modeling
- High Wall Mapping
- Digital Twins



LEARN MORE!



mdLiDAR3000: EXTREME LiDAR DATA COLLECTION, WITH THE CAPABILITY TO COLLECT VERTICAL FEATURES VIA A WIDER FIELD OF VIEW.

The mdLiDAR3000 uses the lifting power, resilience and efficiency of the Microdrones aircraft platform to carry a perfectly integrated Riegl miniVUX-3UAV and a Sony RX1R II camera. The result?

You can quickly acquire high density and accurate LiDAR data in the field and efficiently turn it into a 3D colorized pointcloud back at the office or on your laptop.

Ready to help you on the following tasks:

- Area Mapping / Surveying
- Construction
- Mining
- Volumetrics
- Inspection
- Precision Agriculture
- 3D Modeling
- High Wall Mapping
- Digital Twins



LEARN MORE!



mdLiDAR3000DL: HEAVY DATA COLLECTION PROJECTS? OUR DRONE LiDAR SURVEY EQUIPMENT MAKES LIGHT WORK OF THEM ALL.

We perfectly integrated our heavy lifting md4-3000 drone with a Riegl miniVUX-1DL and a SONY RX1R II camera for rapidly producing colored pointclouds.

In areas of high vegetation do you spend hours cutting line to topo the site? This system can help streamline your current workflows to become more efficient, while helping you to complete more projects.

Ready to help you on the following tasks:

- Area Mapping / Surveying
- Construction
- Mining
- Volumetrics
- Inspection
- Precision Agriculture



LEARN MORE!



mdMAPPER3000D μ G VHR: WE PACKED MANNED AIRCRAFT AVIATION QUALITY INTO A UAV SYSTEM.

This system is designed, engineered and built for professional mappers to build professional grade mapping products.

The mdMapper3000D μ G VHR combines the lifting power, resilience and efficiency of the Microdrones md4-3000 aircraft platform, with a perfectly integrated Phase One camera and the power of direct georeferencing. This results in an unparalleled one pixel mapping accuracy from a 1000 ft. drone flight height.

Ready to help you on the following tasks:

- Large Area Mapping / Surveying
- Corridor Mapping
- Construction
- Mining



LEARN MORE!



mdMAPPER3000D μ oG: COVER MORE GROUND IN ONE FLIGHT, USE FEWER PEOPLE AND LESS EQUIPMENT ON YOUR PROJECTS.

With mdMapper3000D μ oG, you'll acquire highly dense and accurate data in half the time.

Meet the most precise data requirements and cover more ground in one flight. mdMapper3000D μ oG will help you deliver unparalleled data quality in less time. You'll achieve the highest level of data accuracy currently possible, cover more ground in one flight, use fewer people and less equipment on jobs – all without using ground control points.

Ready to help you on the following tasks:

- Area Mapping / Surveying
- Corridor Mapping
- Construction
- Mining
- Inspection



LEARN MORE!



mdMAPPER3000D μ oG 3D: NEED TO MODEL FINE DETAILS, TEXTURE AND ALL SIDES OF A STRUCTURE OR NEIGHBORHOOD IN 3D?

mdMapper3000D μ oG 3D is a fully integrated drone mapping system that can be used for high wall mapping and 3D modeling.

It fills a niche where traditional manned aircraft 3D mapping can't get close enough.

You will capture all angles and surfaces of your subject with an array of five cameras, seamlessly working together.

Ready to help you on the following tasks:

- High Wall Mapping
- 3D Modeling
- Area Mapping / Surveying
- Construction
- Mining
- Inspection



LEARN MORE!





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