



 microdrones®

KEEP YOUR  
OPTIONS OPEN



mdMAPPER  
+ YOU COMPLETE ME

mdMapper solutions are smart and versatile, just like the people who use them. As such, you often need to complement your core business tasks with special projects. As part of the mdSOLUTIONS lineup, Microdrones offers these key optional accessory kits to add functionality, speed, modularity and flexibility.

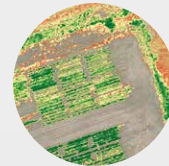
## Shed New Light on Crop Health with +m



Agronomists, researchers, and other precision agriculture professionals can gain valuable insight into the vitality of crops with +m. Featuring the acclaimed Micasense Rededge sensor, the multi-spectral power of the +m add-on allows you to:

- Monitor nutrients, moisture levels, and overall vigor
- Identify and measure crop issues like disease, pest problems, weeds, and water-stress
- Estimate yields
- Characterize soil and vegetative cover
- Use data for predictive analysis

As your UAV flies over a field, +m captures five spectral bands and data is processed into indices tailored for specific agricultural applications. From this data, users can gain a deeper understanding of the condition of crops being analyzed. This non-destructive method allows for quicker, simpler, and more accurate assessment, as compared to traditional surveying methods.



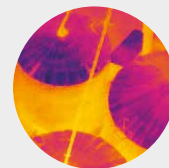
## Detect Heat Issues Early with +t



Add value to your services offering with +t, our thermal mapping add-on. Whether you're providing a solution for farms with persistent irrigation issues or including one more preventive measure into aerial assessments, +t will help ensure thermal issues are identified weeks before they can be detected visually – and long before they cause permanent damage. Help your clients be as efficient as they can be with +t.

The +t add-on features a FLIR Vue Pro R thermal mapping sensor that allows you to:

- Identify irrigation issues before crops suffer irreparable yield loss
- Inspect and detect problems with solar panels
- Identify building heat loss via the roof, etc.



## See Things From a New Angle with +i



Turn your mdMapper1000 into a powerful aerial inspection tool with the +i add-on. This system makes it easy to collect data to create accurate three-dimensional models.

With +i, you can:

- Take images of structures from various angles, thanks to brushless gimbals
- View what the camera sees in real-time on a 7-inch monitor with tripod
- Frame images
- Capture outstanding imagery with a Sony Alpha a6300 with controlled zoom lens (16–50mm)

Whether you're completing infrastructure inspections, planning engineering work, or surveying construction sites, +i will add flexibility.

