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Matrice 4 Enterprise Mapping Solution

The Matrice 4 Enterprise Series redefines industry standards for small commercial drones. With a 0.5 sec mechanical shutter, two 48 MP zoom cameras, a laser ranger finder, an integrated RTK module for centimeter-level precision, and a 7" screen on the controller, the Matrice 4E brings mapping and mission efficiency to new heights. Enhanced obstacle avoidance ensures safe flights in dynamic environments, and the built-in AI model can automatically detect and count various objects from the sky. A thermal version is available for firefighting, search and rescue, inspection, and night operations. The M3E features:

- **20 MP 4/3" CMOS Sensor with 0.5 sec mechanical shutter allows for 200+ acres mapped/battry**
- **Two 48 MP zoom cameras for near unlimited zoom capabilities**
- **DJI RC Pro 2 controller with built-in huge 7" high-visibility screen**
- **LONG 49 min flight time**
- **DJI Pilot 2 app now does Inspections and Mapping!**





LandMark Spatial Solutions offers a complete ready to fly DJI M4E Kits which offers the following:

- Matrice 4 Enterprise Drone
- 4 Intelligent Flight Batteries with Multi-Charger Station
- Rugged molded case
- DJI RC Pro 2 Controller with built-in 7" screen
- Micro SD card & card reader
- Extra set Propellers
- Foldable landing pad



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UAV Mapping Software

LandMark Spatial Solutions offers several different cloud-based subscription options for processing your mapping data. **Pix4D Cloud** is preferred if you need 3D Stockpile volume calculations. **Skylab Cloud** is best if you are only doing 2D flights and offers several subscription options to meet your budget and flight needs. If you only fly occasionally, **MapsMadeEasy** allows you to pay for processing on a flight-by-flight basis.

	Pix4DCloud	Skylab Cloud 	MapsMadeEasy
Pricing	$1290/yr + Credits per Flight	Starter = $499/yr for 50 maps on up to 2500 A/yr Intermediate = $1499/yr for unlimited maps on up to 10K A/yr Pro = $2399/yr for unlimited maps on up to 20K A/yr	**Pay-per-map or $500 Annual License**
Support	Extensive Online Video Collection 12 Month Email Support	Online Help Guide Support Contacts	Limited Online Help Guide

Pix4D Cloud and SkyLab Cloud

Mapping missions with the Matrice 4 Enterprise drones are now designed and flown in the DJI Flight 2 app. The collected images can then be uploaded to the the Pix4D or SkyLab Cloud servers after a flight and processed into highly precise, georeferenced 2D maps and 3D models (Pix 4D only). Results can be downloaded in a variety of resolutions and formats and then loaded into a GIS software for acreage determination. Skylab is best for forest stands and Pix 4D is best for 3D modeling and stockpile/logdeck volumes. Very easy and cost effective.



Orthomosaic



Volume Calculation

For more information, contact Johnny Thompson (662)769-5344/ jthompson@lmssmail.com) or Darian Yawn (886)-395-5440, x2/ dyawn@lmssmail.com).