



The bigger, the better.

M 16



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# M16

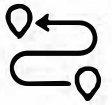
## Intelligent Agricultural Sprayer Drone



### Autonomous / Manual Mode

Our drone can work automatically or control by a controller.

**Intelligent AB Point Mode**  
Lengthen or shorten the route apply to all irregular shapes of the field



### Smart Spraying System

Front nozzles and rear nozzles can work separately. In strong spraying mode, the water flow can doubling up to 3.2L / min.

**IP56 Waterproof & Dustproof**  
Protect the drone from corrosive agrochemical. Allow it work under extreme environment.



### Voyage Obstacle Avoidance

With pre-mapping, the drone will keep away from the obstacle & go back to the route automatically

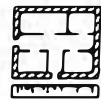
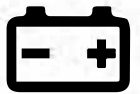
**Available for Night operation**  
High-lightness LED and smart navigation system allow it work at night.



### Terrain Following Radar

Identify and simulate the terrain model, compatible with complex terrain. Flight height will increase or decrease according to the terrain.

**Pluggable Smart Battery**  
Battery replacement takes only 2 seconds with a light indicator of remain volume



### Programmed Spray Route

Autoplanned route will cover the full area, without miss or overlap. Intelligent spray will increase or decrease the flow according to the speed though control of a flowmeter

**One key start / return**  
When flying route and obstacle avoiding is been set. Drone will automatically finish the task and return to the strating point.



### RTK Precise Locating

RTK centimeter level precise location system will make the flying route more accurate.

**Cloud Management Platform**  
PC web-based system and mobile app provide real time management of smart farm.



### Accessories:



RTK Stations



2.4G Remote Control



22000 mAh  
Intelligent Battery



Smart Balance Charger  
(2 ports)



Charger Mate  
(5 ports)



### Specifications:

Tank Capacity:	16 L
Unfolded Size:	1870*1870*540 mm
Width:	4.5 m
Recommended operation Height:	2.5 m
Flow meter	1.6/3.2L/min
Single Flight Efficiency	1 Ha
Operation Efficiency	40-50Ha/day



wheat cotton corn sugar cane rice banana apple orange mango