



The 16L Spraying Drone.

M 16



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M16

Intelligent Agricultural Sprayer Drone

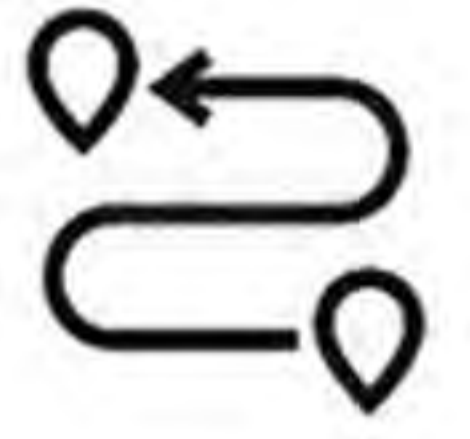


Autonomous / Manual Mode

Drone can work in the field under auto-pilot with its advanced software. It can also be controlled manually by a Controller.

Intelligent AB Point Mode

Parameters of field to be sprayed can be pinpointed and recorded for a precise flight path of the UAV for precision spraying.



Smart Spraying System

The two front and two rear nozzles can work separately. Its strongest flow rate is 3.2 liters per minute.

IP56 Waterproof & Dustproof

The drone is protected from normal water and heavy dust exposure on use. It is advisable though to avoid flying in rainy weather or keep the unit covered when not in use.



Avoiding Obstacles in Route

Pre-setting flying route considering obstacles like tall trees or structures will avoid accidents. The UAV can fly safely on auto-pilot. Controller can also do manual maneuver to avoid hitting obstacles.

Night operation

The Drone has LED lighting and smart navigation system for night operation. This is beneficial for spraying nocturnal harmful insects.

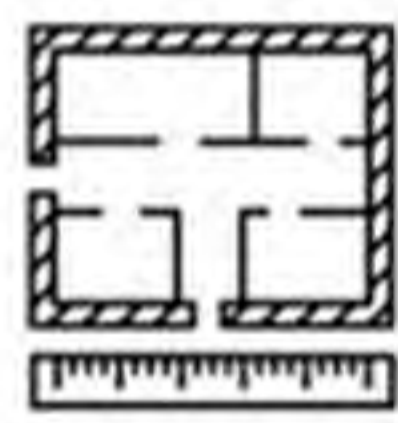
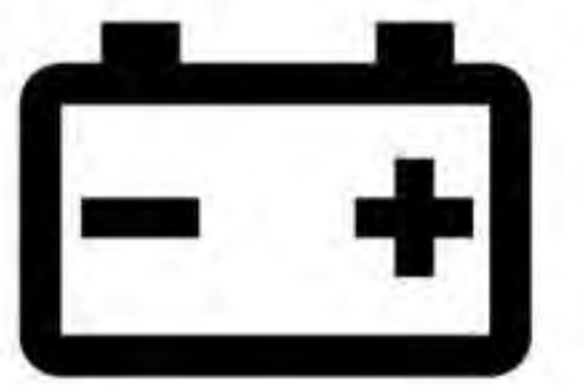


Terrain Following Radar

A built-in radar sensor can fly according to the specific flying height above the crops over the uneven contour of the field.

Plug-and-use Battery

The Lithium battery can be installed in 2 seconds.



Programmed Spray Volume

Field to be sprayed can have pre-programmed coordinates and flight direction or route for complete spraying job and avoid over-lapping or over-spraying.

One key start / return

It will do its pre-programmed work in terms of area, speed, spray volume, obstacle avoidance, irregular slope and parameters of field to be sprayed.



RTK Precision Coordinates

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 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:	1915*1915*575 mm
Width:	5-6 m
Recommended operation Height:	2.5 m
Flow meter	2-4 L/min
Single Flight Efficiency	1.2 Ha
Operation Efficiency	55-65 Ha/day



wheat cotton corn sugar cane rice banana apple orange mango