

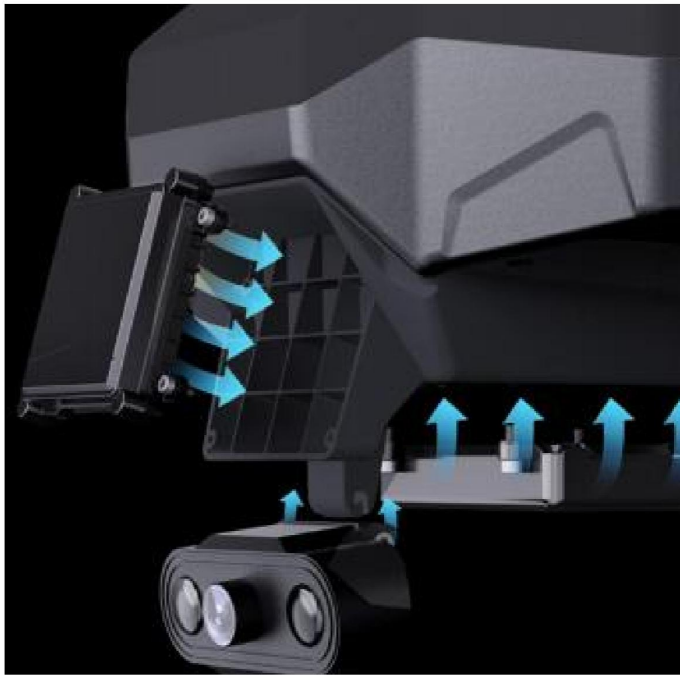
HONEST DRONE

H4-20 Agricultural Drone

Efficient Operation, Superior Performance



Leading the Future of Agriculture With Intelligence



Quick Installation

Modular installation of obstacle avoidance radar, terrain-following radar, and camera modules.



The interior space of the line is spacious.

The space under the front hood is spacious, and the internal wiring is neatly arranged to prevent clutter.



Maximum load capacity



Push-to-lock mode

Dual-layer security to prevent the flight arms from loosening or detaching during flight.



Dustproof and waterproof

Fits the entire body snugly, effectively sealing out water and dust to ensure the safe operation of internal circuitry.

Spraying System

Even spraying, precise coverage

Features highly efficient and precise flow control and intelligent centrifugal nozzles, with controllable droplet sizes ($35\text{ }\mu\text{m}$); the system adjusts flow rates and atomization performance to optimal levels based on specific crops and pesticide types, ensuring precise spraying.



5-8m	8L/min	9-12 hectares/h
Effective spray width	Spray flow rate	Spray Efficiency

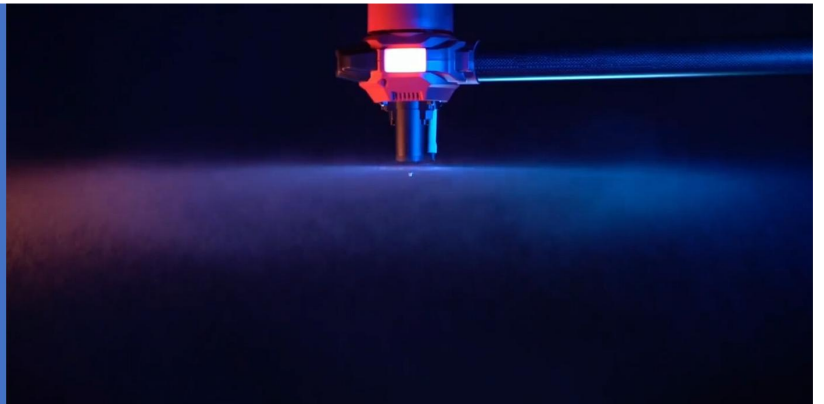


Aluminum Alloy Crossbeam

Made of aluminum alloy, it is lightweight yet offers doubled strength; it resists deformation and breakage, and boasts high compressive strength.

Centrifugal Spray Nozzle

It offers high atomization uniformity and a wide flow rate adaptability range.



Integrated Brushless Water Pump

The preferred solution for high-performance, high-reliability fluid transfer.



All-new Medicine Box Design

Water-gun-style, one-touch filling significantly boosts work efficiency.

Seeding System

Even distribution, precise coverage

The umbrella-shaped metal structure offers a wide load-bearing area and ensures even material flow without clogging; the bottom spinning disc features an embedded metal wheel for enhanced strength, making it robust, compression-resistant, and highly wear-resistant.



Safety System

Multiple safety protections

Equipped with front and rear obstacle-avoidance radars to detect obstacles and enable autonomous avoidance. Terrain-following radar maintains a consistent flight path, while an FPV camera with LED lighting ensures safe flight.



Obstacle Avoidance Radar

The obstacle avoidance radar, utilizing an intelligent system powered by high-precision sensors, is capable of detecting obstacles ahead and slowing down to ensure flight safety.



The Terrain-following Radar

The terrain-following radar can adjust the flight path based on terrain complexity, enabling the aircraft to follow the contours of the landscape and maintain a trajectory that stays as close as possible to the ground.



FPV Camera LED Light

The front-facing FPV camera features a 120° wide-angle lens that clearly displays the view ahead on the remote controller; equipped with dual high-brightness LED lights, it ensures a clear, real-time view for multi-angle operations, even at night.

Powertrain System

High-efficiency conversion, undaunted by challenges.



X9 Plus || Building on the original model, it offers improved performance, extended flight time, faster response speeds, and enhanced stability, reliability, and durability; it is equipped with 45mm-diameter carbon fiber tubes to ensure safe flight.



Flight Control System

Multiple Configuration Options



Choose between the K++ and V9 flight control systems; a variety of configuration options are available to meet your specific needs.

1920x1080 High-brightness display

It utilizes advanced SDR technology and a high-performance protocol stack. It supports a wide range of interfaces—including network cameras, serial ports, and S.Bus—and features a waterproof, dustproof, and drop-resistant design and construction.



Intelligent Battery

High capacity, ultra-long battery life



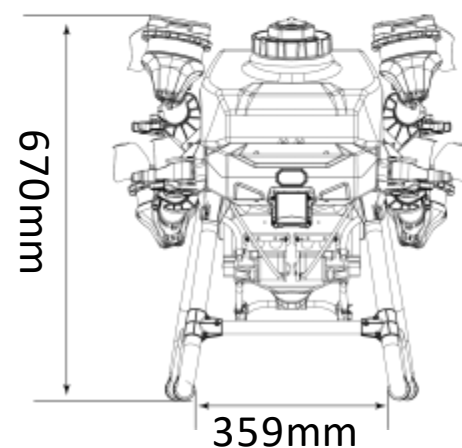
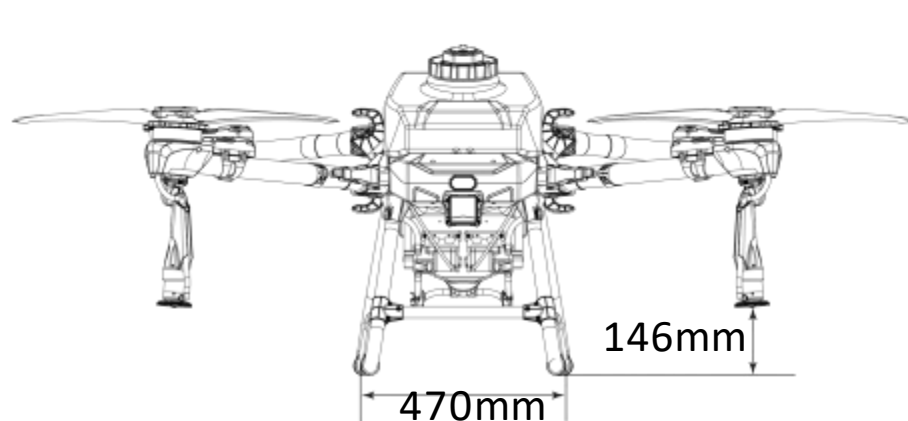
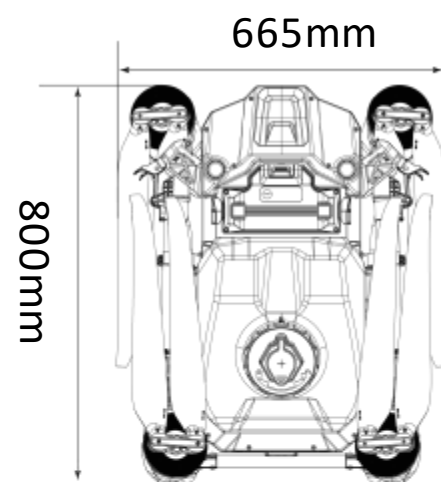
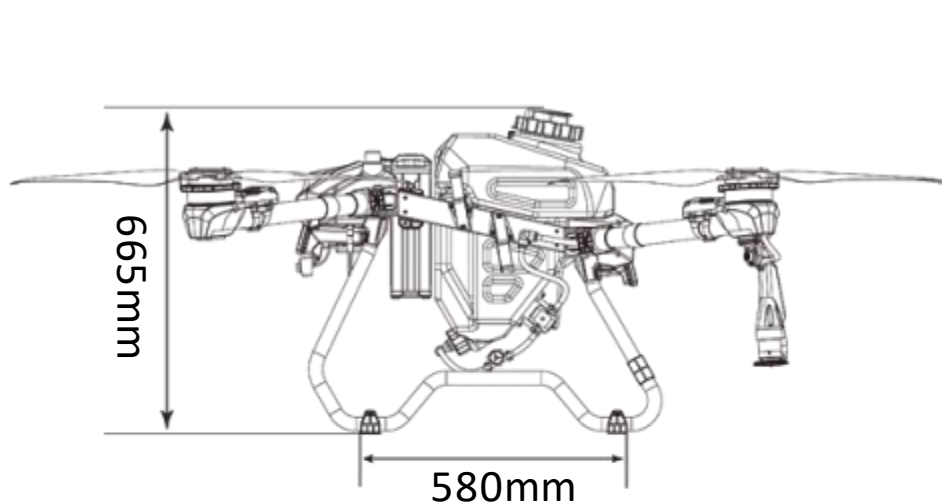
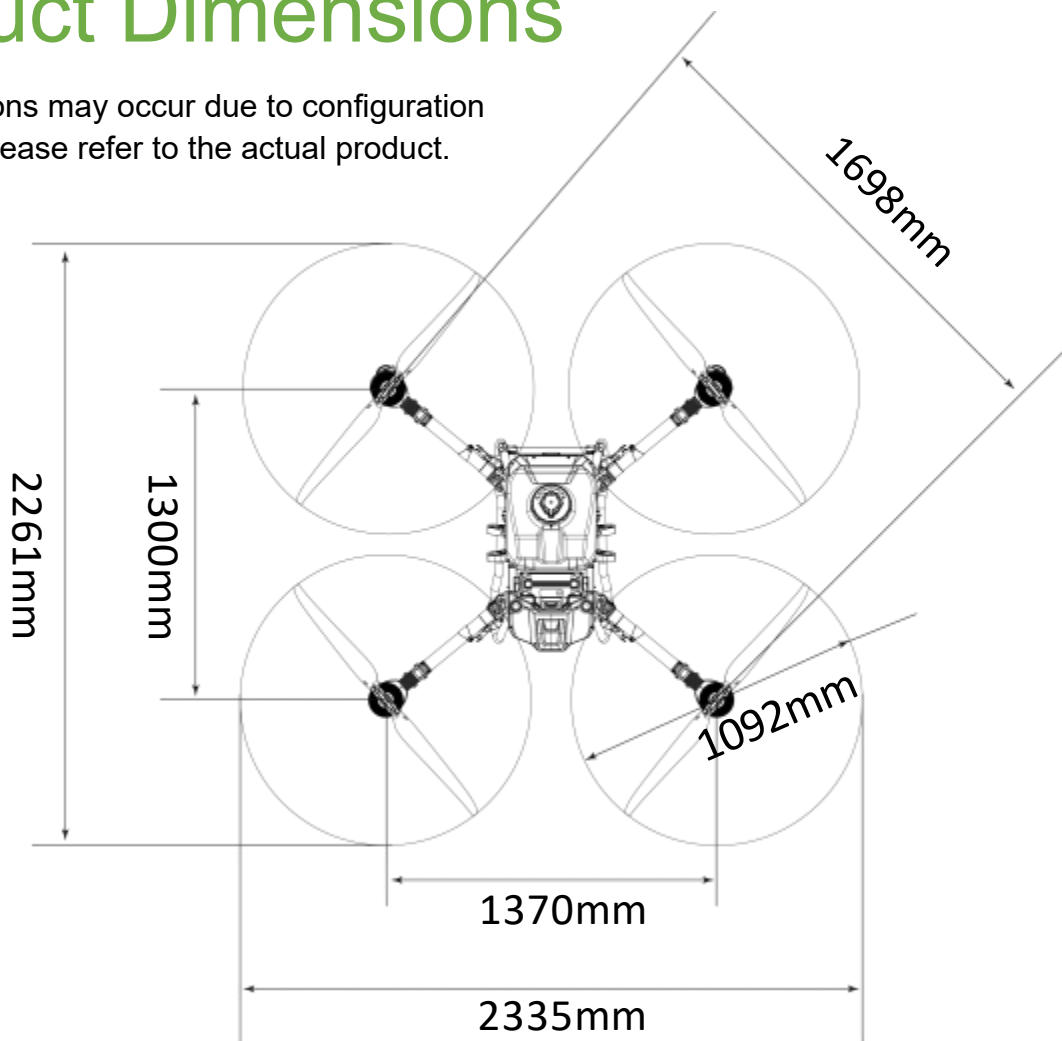
High-capacity battery with ultra-long range and intelligent variable-frequency fast charging to meet power needs.



14S 20000mah

Product Dimensions

*Slight variations may occur due to configuration differences; please refer to the actual product.



Product Specifications

H4-20

Product dimensions, weight, battery specifications, etc., may vary slightly due to configuration differences; the actual product prevails.

Unfolded dimensions	1370*1300*665mm	Folded dimensions	800*665*670mm
wheelbase	1700mm	Load capacity	20L
Overall unit weight	19 kg (excluding battery)	Take-off weight	50kg
Dispenser payload	40L	Material	PE, PP, PA+GF, aluminum alloy

Flight Parameters:

Battery capacity	14S 20000mah	Operating voltage	58.8V(14S)
Ascent rate	5m/s	Operating voltage	5-10m/s
Unladen range	18min	Full-load range	8min

Spraying Parameters:

Spray nozzle	Centrifugal spray nozzle	Effective spray width	5-8m
Spray flow rate	5L/min	Spray Efficiency	9-12 hectares/h

Packaging Specifications:

Rack-mount case dimensions	830*540*370mm	Rack-mount case weight	10.2kg
Power unit enclosure dimensions	625*375*290m	Power unit weight	9.7kg
Medicine box dimensions	460*350*410mm	Weight of the medical kit	3kg
Spreader box dimensions	595*350*415mm	Seeder box weight	3kg
Overall chassis dimensions	830*700*755mm	Total chassis weight	30kg

A Variety of Package Options

Before using this product, please check the package to ensure it contains all the items listed below. If any items are missing, please contact us.

Rack-mount version



Main body assembly	* 1	Rack Tee Fitting	* 2	Arm assembly	*4
Tripod pad	* 4	Bent tube for tripod/stand	* 2	medicine chest	* 1
Tripod crossbar	* 1	water pipe	* 2	Screw and Parts Kit	* 1

Powertrain version



Motor CW	* 2	Motor CWW	* 2	Oar lock / Oar rest	*4
Propeller (CW)	* 2	Propeller (CWW)	* 2		