

XAG P40 Agricultural UAV

A Bigger Upgrade, An All-round Flagship



XAG P40 Agricultural UAV

CM-level RTK

Guarantee Accurate Flight Operations

Autonomous Operation

AI Flight Control
Highly Efficient with Ease

Multi-directional Radars

Accurate perception
Obstacle avoidance

IP67 Protection

Waterproof
Dust-Resistant Sturdy and Durable

Intelligent Interaction

Quick Starting
Easy-To-Use

Multi-functional Design

Spraying / Spreading / Mapping

Compact Fuselage Easy Transportation

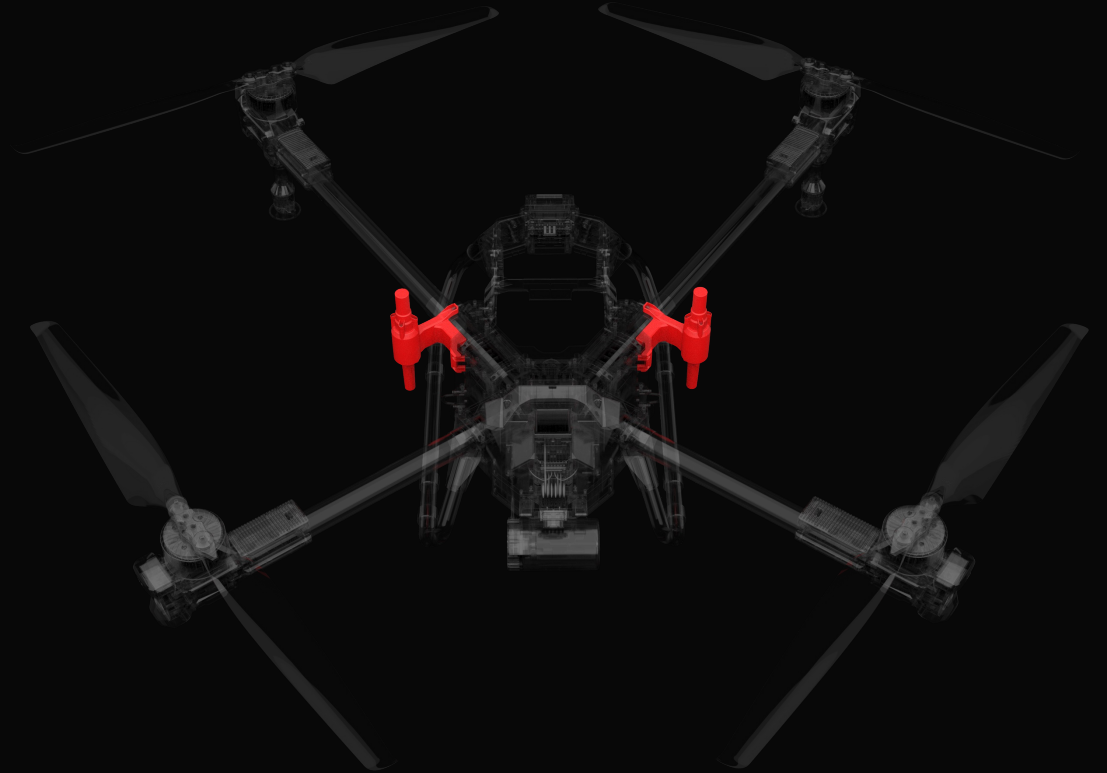
Easily fits into a minivan with folded blades

Easily handled by one person



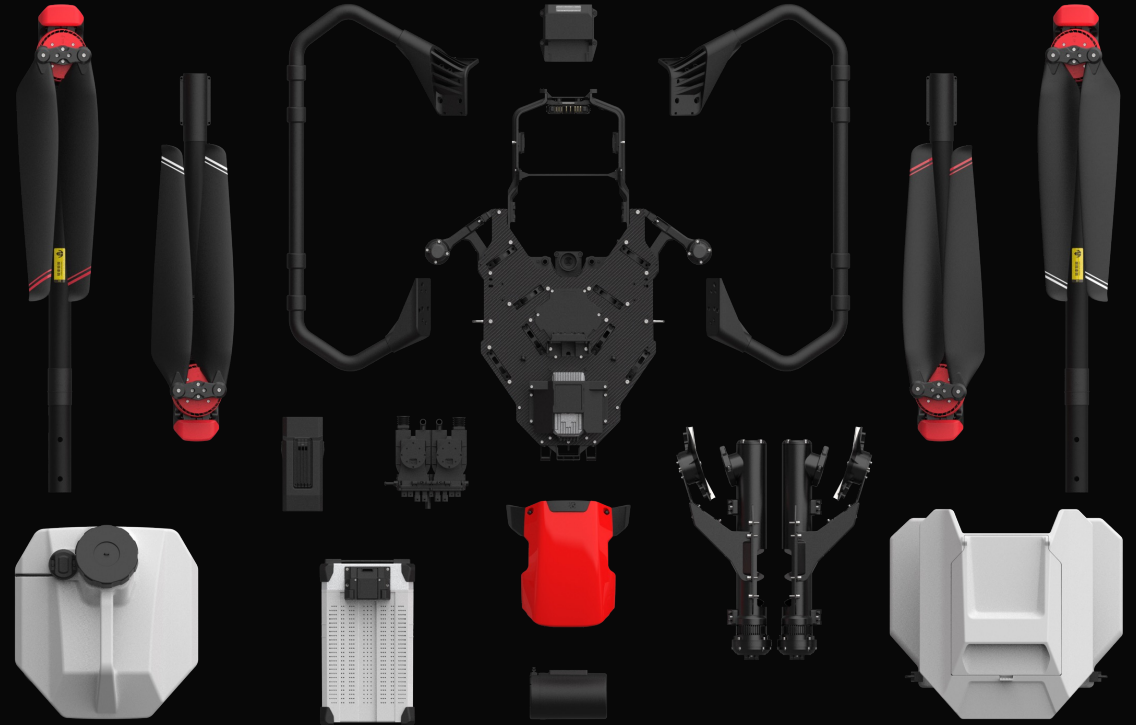
Improved Antenna Placement Easier Maintenance

Stable RTK positioning performance
Convenient assembly




Modular Design

Aluminum Alloy + Carbon Reinforced Polymer
A Blend of Delicacy and Force
Convenient Maintenance





IP67 Rating Protection
Waterproof & dust-resistant, sturdy and durable

A close-up, low-angle shot of a metallic control system component. The component is silver-colored with a ribbed texture. It features the text 'SUPERX4' in a large, bold, sans-serif font, with 'XAG' below it. Above 'SUPERX4', the words 'INTELLIGENT CONTROL SYSTEM' are visible in a smaller font. The component is mounted on a dark, possibly black, metal frame. The lighting is dramatic, highlighting the metallic surfaces and creating deep shadows.

SuperX4 Intelligent Control System

A Smart Core Powered by AI

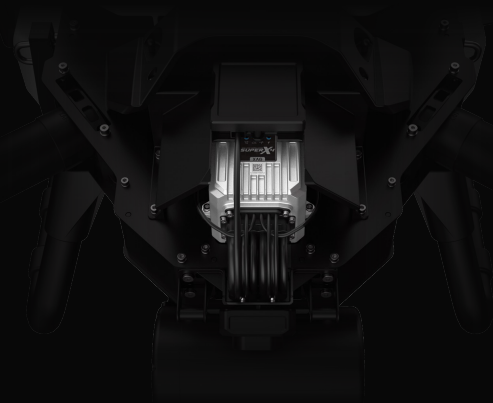
SuperX4

1GHz Independent Processor

Edge computing, respond at lightning speed

Real-Time 3D Data Processing

Quick to know all terrains
Precise obstacle avoidance, vector flight



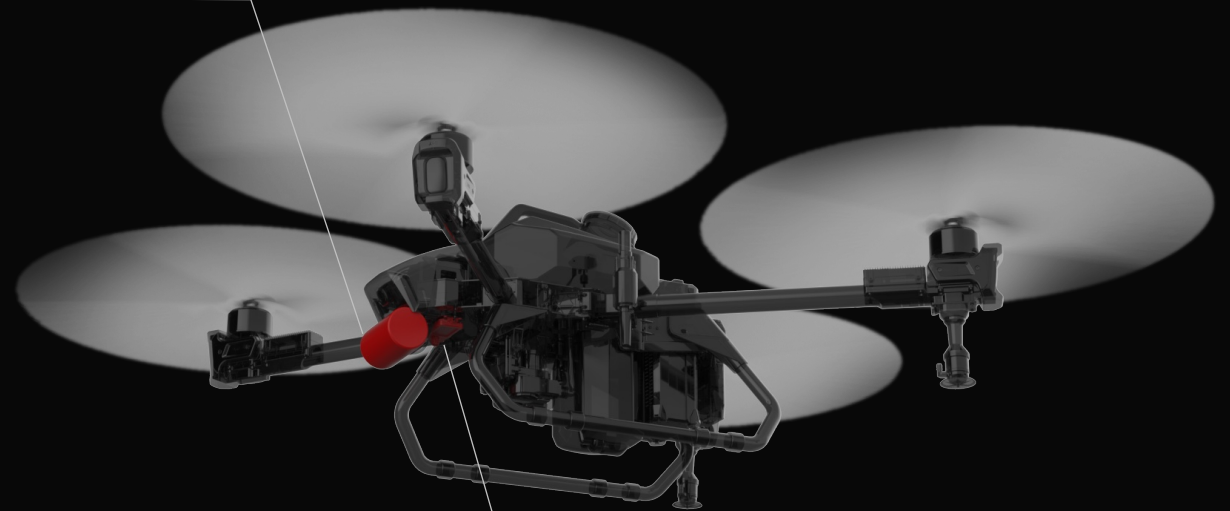
Upgraded IMU Unit

Optimized structure, stronger vibration resistance
Enhanced security and stability

Highly Modular

Flight control, communications and dual-antenna RTK
Three-in-one, small in size

Front Dynamic radar: A built-in MIMO 4D imaging radar oscillates frequently to detect obstacles within 40m.



Downward Terrain Module: Terrain-following radar bolsters precision operation by following the terrain.

Multi-Directional Radar Matrix AI Automatic Obstacle Detection

Brings Overall, Sophisticated Perception and Obstacle Avoidance

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	Field of View (FOV)	Range of Measurement
Front Dynamic Radar	Horizontal $\pm 40^\circ$ Vertical $\pm 45^\circ$	1.5-40 meter
Downward Terrain Module	$\pm 25^\circ$	0.5-100 meter

Optimized and Stable Powertrain

Highly Efficient & Energy-Saving

Improved Propellers

Enhance Flight Stability

Upgraded Brushless Motor

Better Performance, Greater Tension

High-Performance Motors



16 Mins 10 Mins

No-load hovering Operation

FOC Control ESCs

Precise Control, Quick Response

Rapid heat dissipation in flight

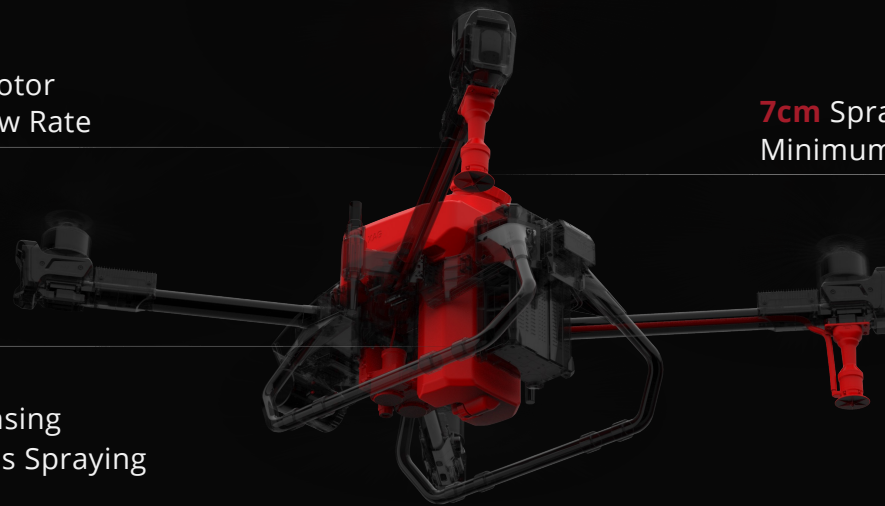
Brand-New RevoSpray™

Intelligent Centrifugal Spraying System

Upgraded Brushless Motor
10L/min Maximum Flow Rate

7cm Spraying Disc
Minimum Droplet Diameter: **60µm**

20L Capacity
Real-Time Volume Sensing
Breakpoint Continuous Spraying





Brand-New RevoSpray™

4m - 6m

Effective Spray Width

60 - 400 μm

High-speed centrifugal atomization,
dynamic adjustment of droplet size

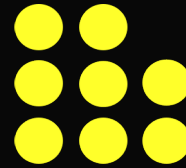
Droplet Diameter

A Key Factor Affecting Spraying Efficiency

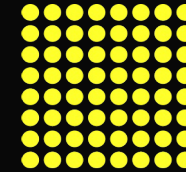
Number of droplets and their diameters of equal liquid volume



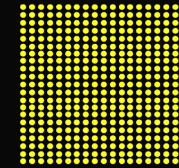
400 µm



200 µm



100 µm



≤80 µm

Application



Weeds Defoliators Older Pests



Younger Fall Armyworm Aphids



Thrips Mites Whiteflies



Sanitary Pests, flies & mosquitoes

Brand-New RevoCast™

Intelligent Centrifugal Spreading System



Maximum Spread Width: **10m**
Dual discs ensure thorough and uniform spreading

25L Capacity
Real-Time Volume Sensing

Anti-gravity Screw Feeder
Feeding Efficiency: **17.5L/min**

25 L

Large Capacity
Smart Granule Container

8m - 10m

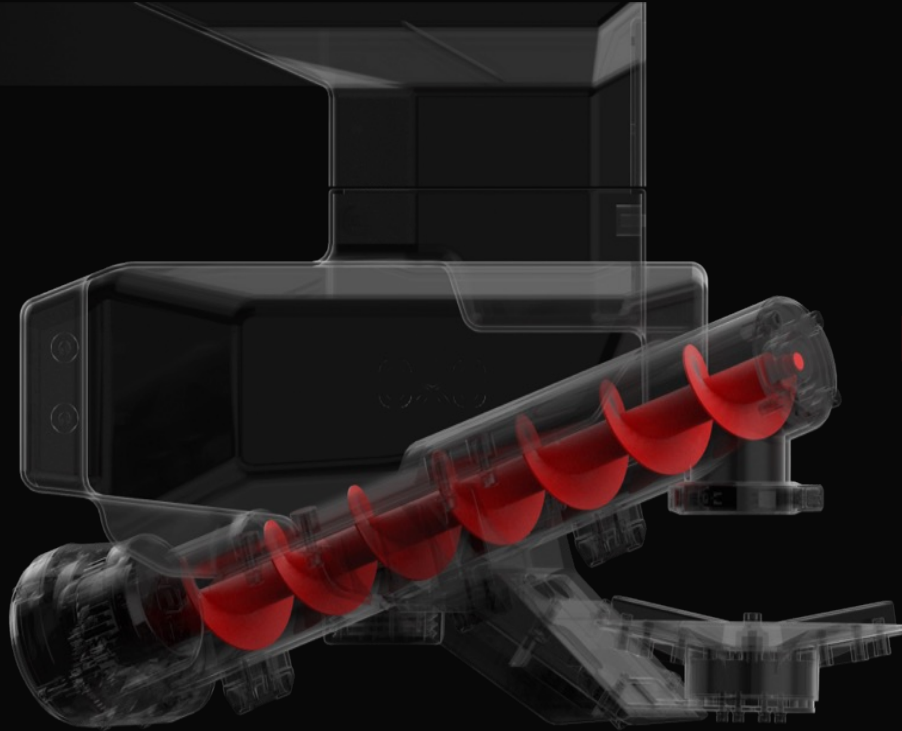
Dual Spreading Discs
Spread Width

1.6 ton/h

Maximum Feeding
Efficiency (Rice Seed)

2.4 ton/h

Maximum Feeding
Efficiency (Urea)

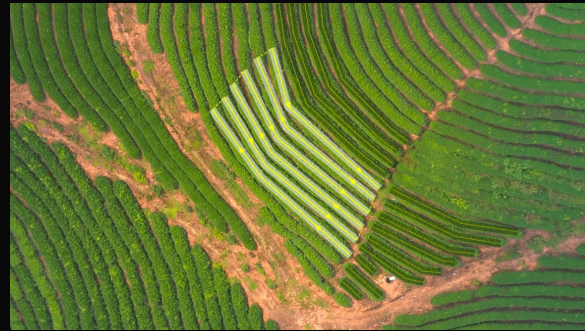


Brand-New RevoCast™

Quick Start with Three Operation Modes



Standard Mode



Customized Mode



Remote Mode

Power System B13960S Smart Battery

960 Wh capacity

12% larger than its predecessor

11 minutes

Fully charged with water cooled charging tank at a 5C rate



200A allowable ampacity

New patent connection design

New heat-resistant material

A built-in temperature sensor

Power System GC4000+ Auto SuperCharge Station

Max. 25 batteries

can be fully charged with a 15L
full tank of petrol

Up to 1000 hours

Longer service life



0.6L/KWh

Variable frequency generator with
ultra-low fuel consumption

LCD monitor

Quick access to operating status and
maintenance reminder