

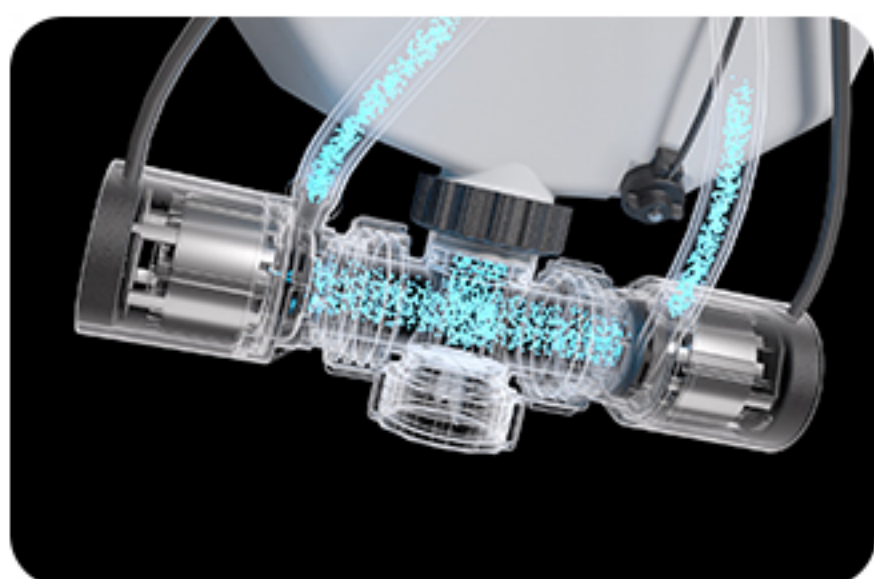
EFT

Z20

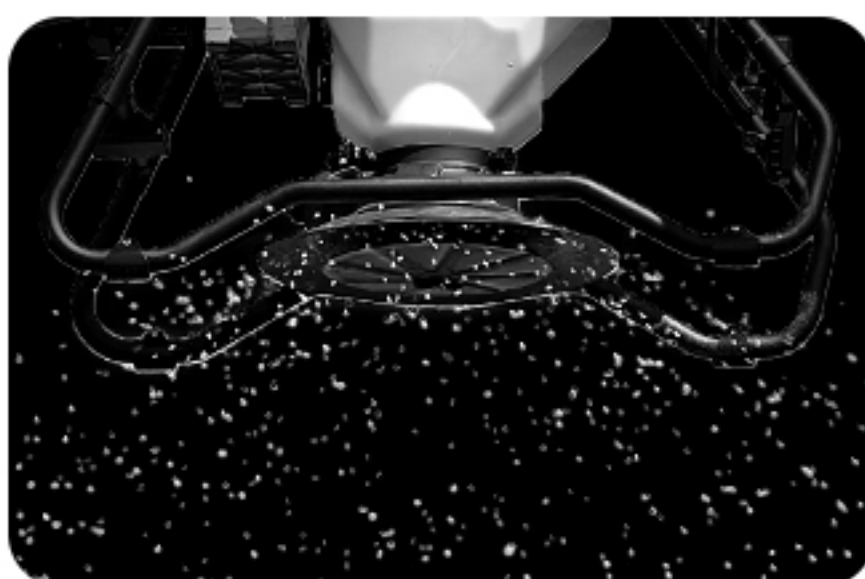
AGILE & SMART ONE FOR ALL



Z20, A smart agriculture drone for solo operation. Agile body, easily carry for quick moving on farm paths. 7-inch large screen remote control with 3.0 app, enjoy smooth operation. Spraying and spreading, easy to handle in various agriculture scenarios.



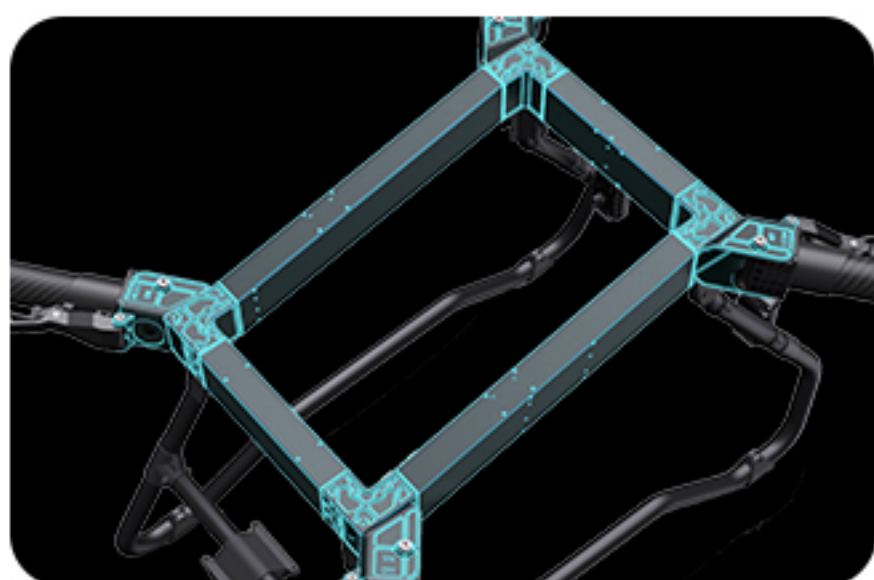
15L/min Impeller Pump



13.8m/s Spreading



3.0 Smart Software



Integral Die-forged Truss Frame



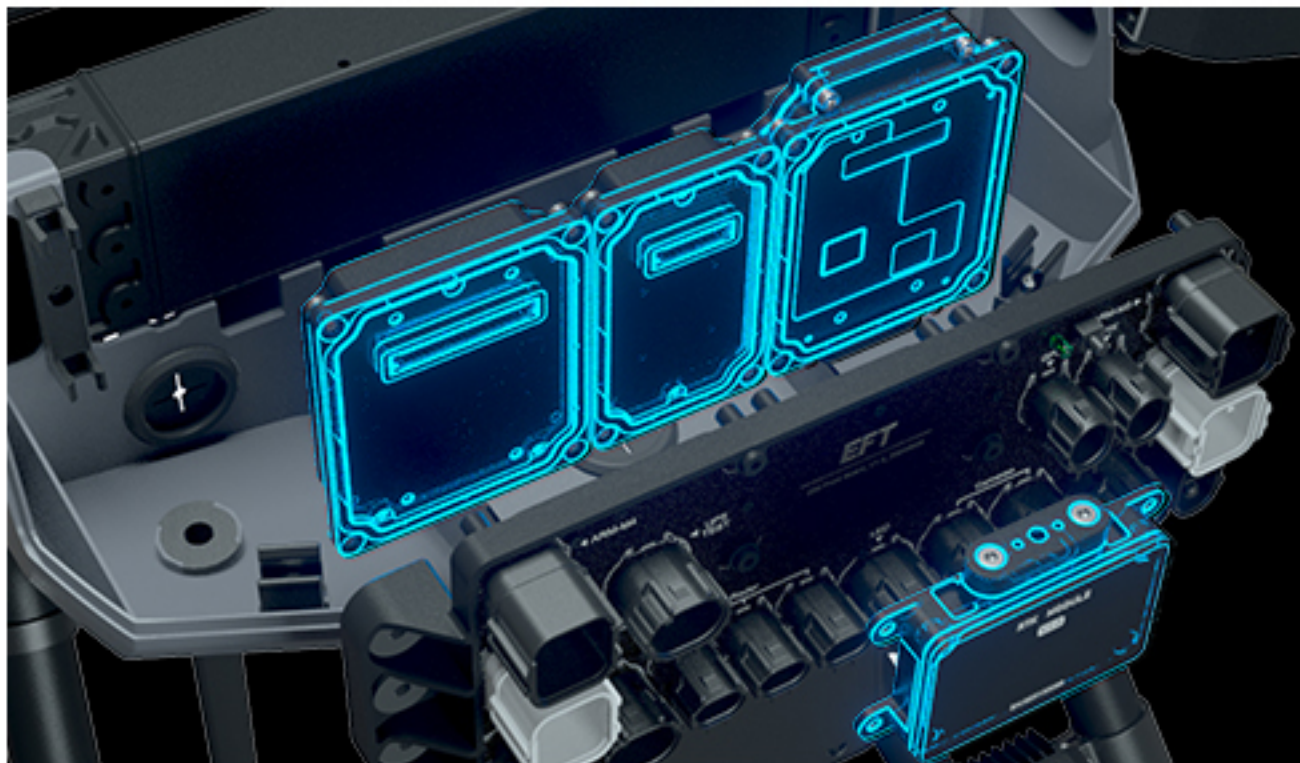
7-inch Large-screen Remote



Modular Flight Control System

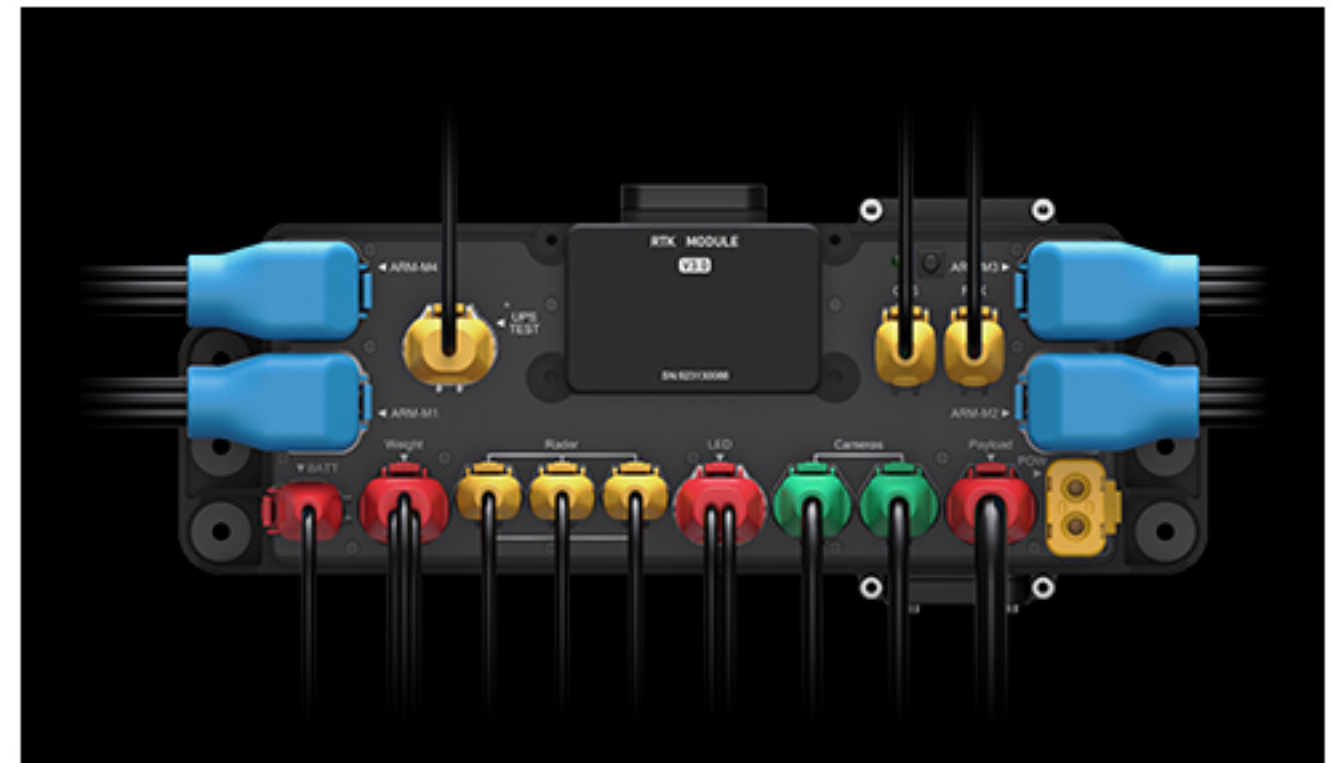
MODULAR FLIGHT CONTROL SYSTEM

STRONGER PROTECTION, SAFER OPERATION



Independent Avionics Module Design

The PMU, FMU, and RTK are separately plugged in with independent protection, enhancing stability and safety.



Separated CAN Design

Multi-channel CAN bus for independent data transmission, ensuring stable and reliable communication.

INTELLIGENT MOTOR SYSTEM

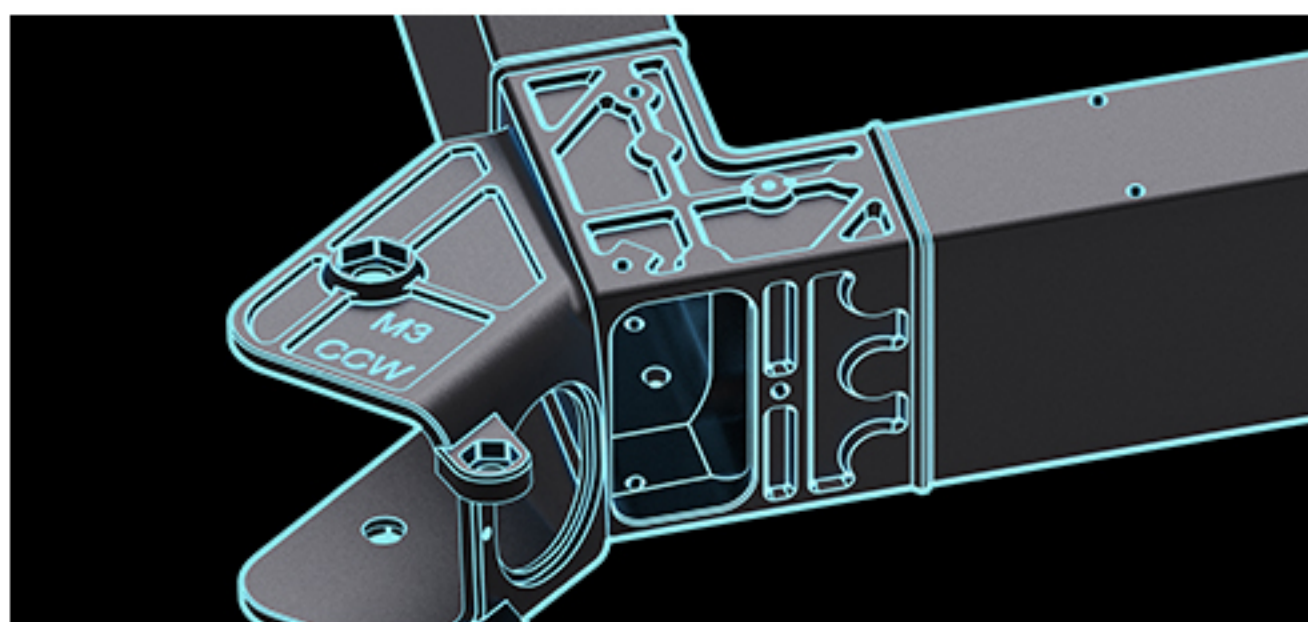
MODULAR DESIGN, SMART FEEDBACK



43-inch propellers, powerful thrust brings agile flight. Injection-molded plugs and protective covers for waterproof and impact resistance, enhanced durability. Separated motor and ESC design with black box data logging for quick diagnostics.

IMPROVED STRUCTURE

EXTREME DETAILS, ENDURING DURABILITY



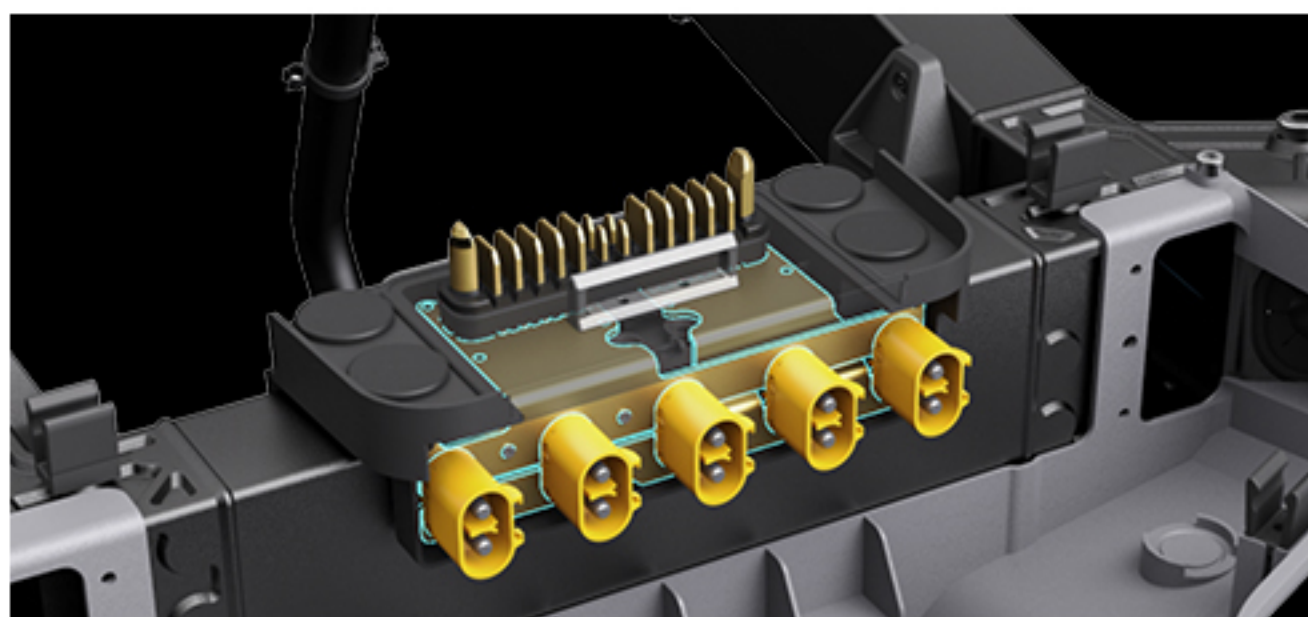
Die-forged Structure

Forged from high-density aluminum alloy, compact and solid.



Anti-off Arm Buckle

Dual- lock and Shock-resistant, ensuring safe flight operations.



High-current PDB

A copper busbar with higher overcurrent capacity, lower temperature rise.



Injection-molded Plugs

Waterproof and dustproof, easy to plug and unplug, more wear-resistant.

APPLICATION IN MULTI-AGRI

ONE FOR ALL, PRECISE AND EFFICIENT



New 15L/min high-flow impeller pump with intelligent centrifugal nozzle, adjustable angle and fine atomization spray. Precisely control the high flow and micro-spraying, more flexible spraying. One for all, quickly switch to spreading system. 13.8m/s high-speed spreading with 360° even coverage. Saving time and resources for efficient and effortless farming.



4D Precision Radar

Sensitive detection,
Agile obstacle avoidance.



HD Gimbal Camera

1080P HD camera, offering wide
and clear view.



80W Drone Headlight

80W High brightness spotlight,
safeguard night work.

EFT 3.0 APP LARGE SCREEN, SMOOTH CONTROL

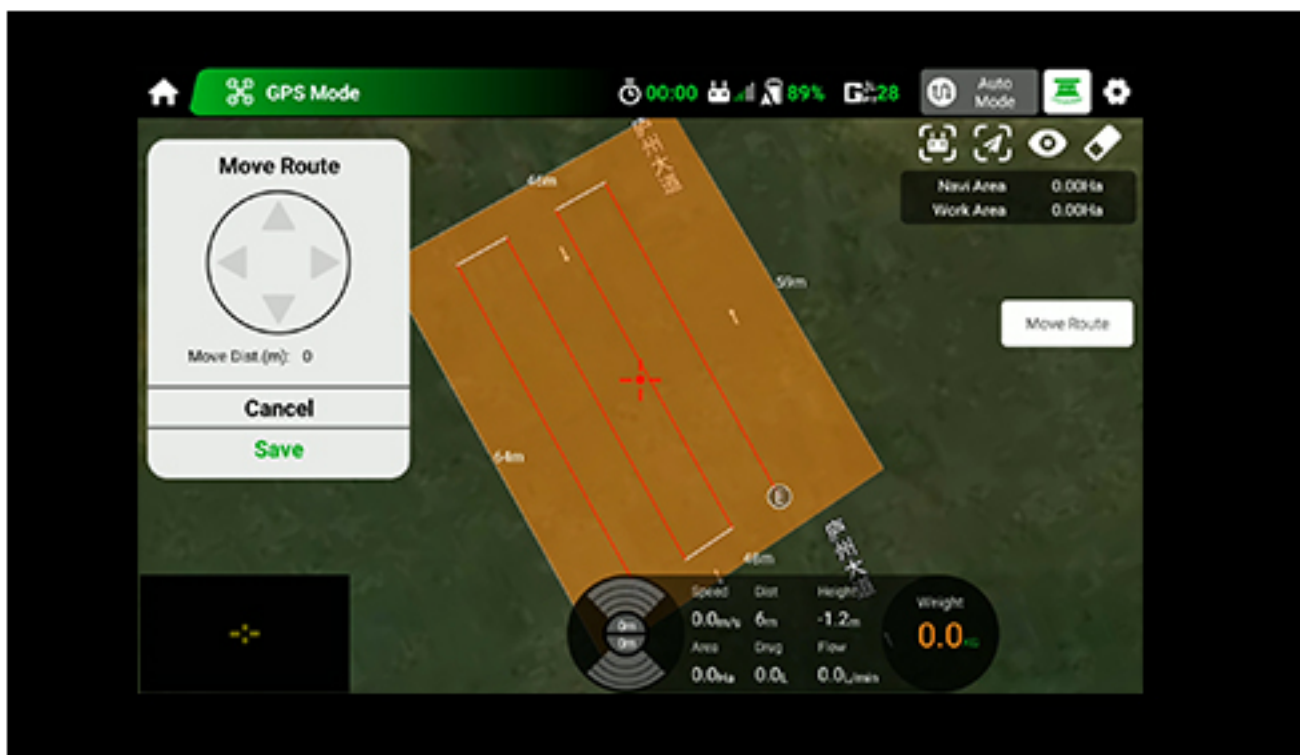
7-inch bright screen with customizable buttons, operating with the 3.0 APP system brings smart and simple control.



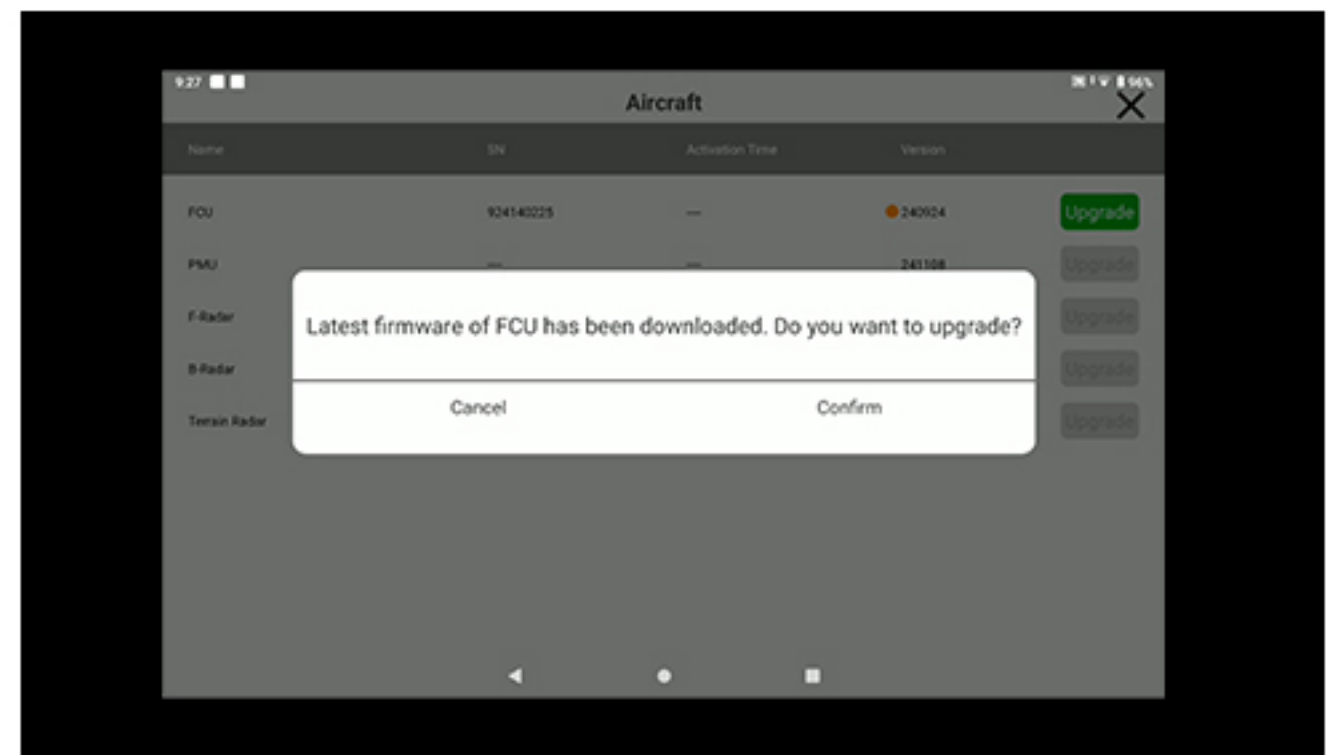
Large Screen



Early Warning



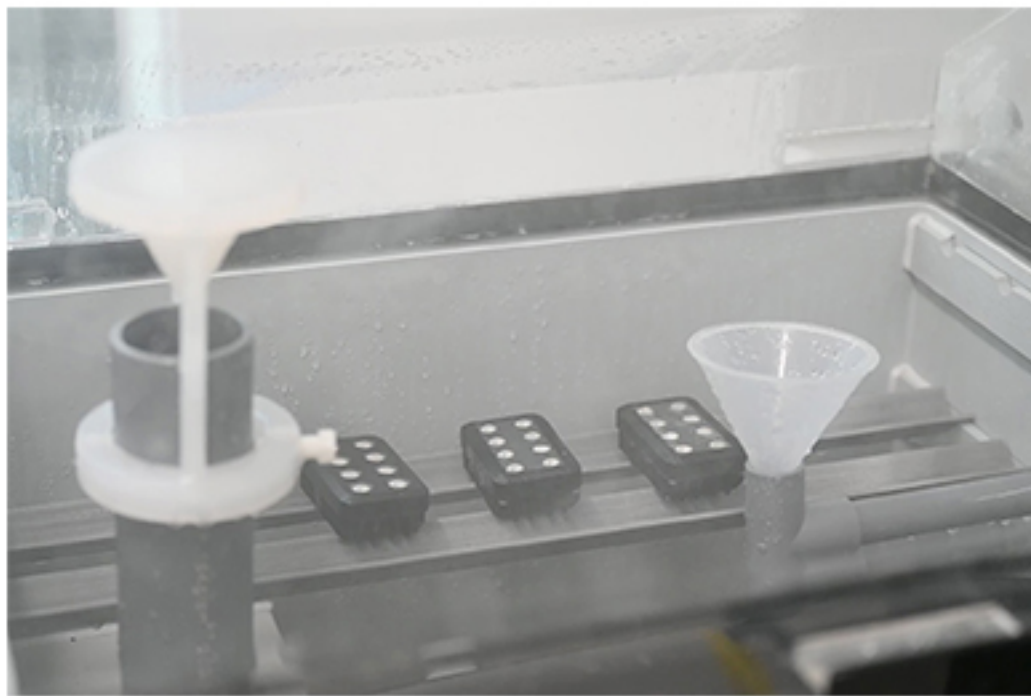
Map Rectification



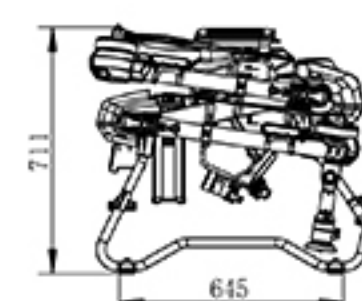
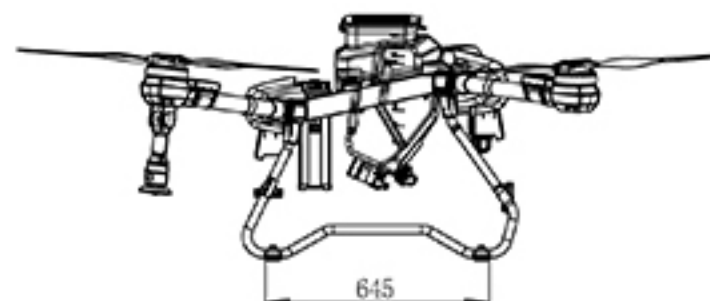
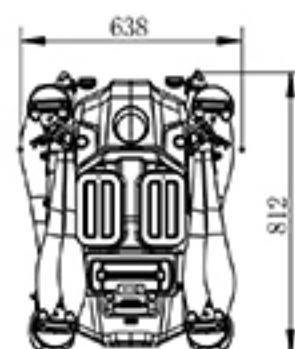
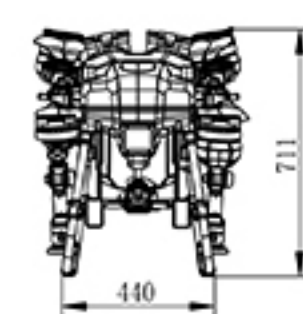
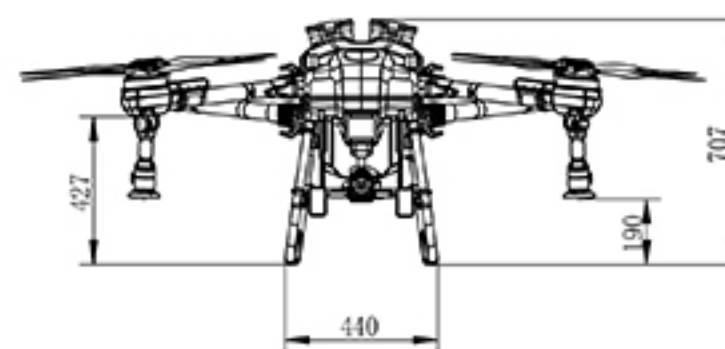
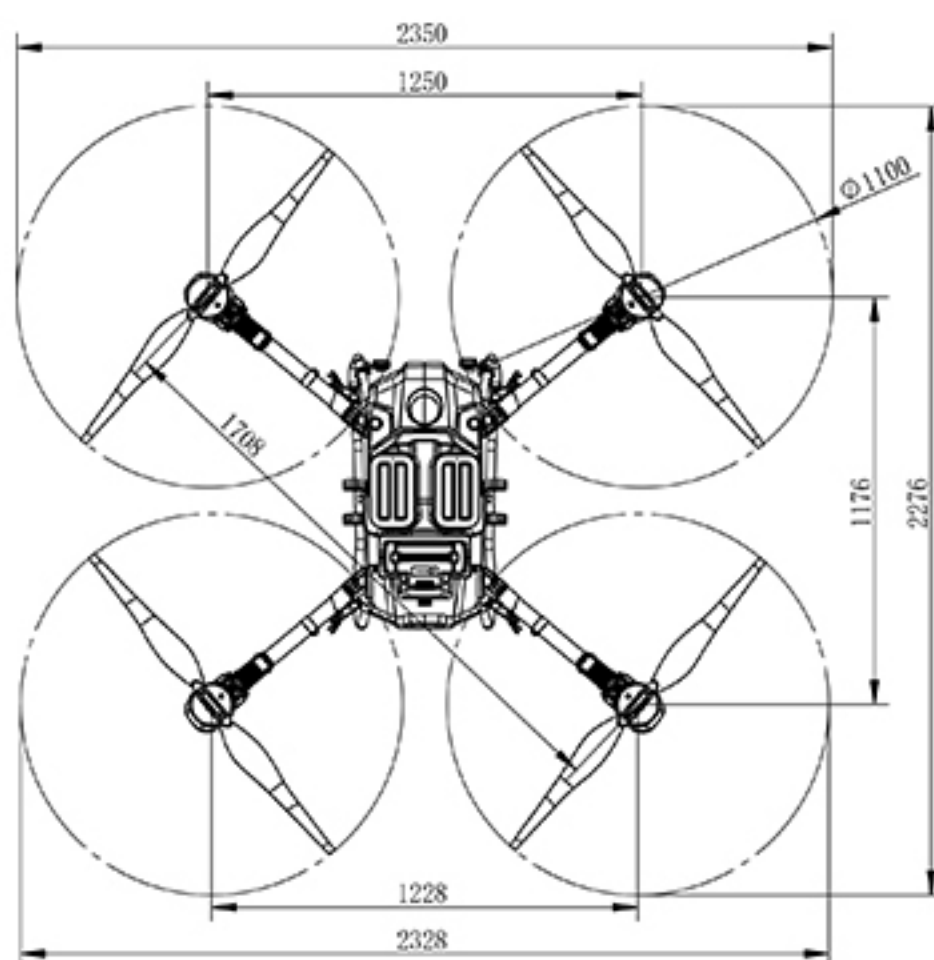
OTA Upgrades

RIGOROUS TESTING, RELIABLE QUALITY

Rigorously tested for waterproof, corrosion resistance, and temperature extremes, etc. Enable stable operation in harsh conditions. Ensured reliability of drones in agricultural spraying operations.



Z20 SIZE



SPECIFICATIONS

DRONE	Weight (without battery)	23.5kg
	Weight (with battery)	31.5kg
	Max Takeoff Weight	51.5kg
	↑ (The weight parameters vary by ±1kg according to the configuration and craft.)	
	Wheelbase	1708mm
	Number of Axes	Four-axis
	Unfolded Size	2276*2350*707mm
	Folded Size	812*638*711mm
	Flight Time (no load)	17min
	Flight Time (full load)	8min
MOTOR SYSTEM	Model	E11
	Motor Size	120*41mm
	KV	95KV
	Voltage	54V (14S)
	Rated Power	1400W*4
	Propeller Size	43inch
	Propeller Material	Nylon mixed with carbon
SPRAY SYSTEM	Tank Capacity	20L
	Nozzle Type	Centrifugal nozzle
	Spray Width	4-8m
	Atomized particle size	50-500μm
	Max Flow	15L/min
SPREAD SYSTEM	Tank Capacity	30L
	Spreader Type	Centrifugal spinner
	Applicable Particle Size	0.5-6mm (dry granules)
	Spread Width	8-10m
REMOTE CONTROL	Display Screen	7inch
	Transmission Distance	2km (open area, 2.5m altitude)
	Battery Runtime	4-6h
	Charging Time	3.5h
	Operating Temperature	0-40°C
POWER SYSTEM	Battery Spec.	14S 20000mAh
	Battery Weight	8kg
	Charger Input Volt	AC100-240V 50/60Hz
	Charger Output Volt	DC20-62V
	Charging Current	Max. 120A
	Charger Weight	10kg