

AresX™ Drone

Motorized 6-Rotor UVA



AresX™ No.3 UVA is foldable six-rotor. According to the needs of the mission, it can carry some modules that have varied functions. It can independently fly by GPS, the computer controls the UAV that will rise or land. Just only 15dBA when the UAV is 130 meters in height.

Features & Advantages

Mooring six-rotor UVA can carry multifold modules.

Snap joints; quick hitch, all manual and quick installation, uninstalling without tools.

Safety design; when the remote signal is interrupted, it can automatically return. When the battery is low, it will automatically warn and return.

Extend the mount interface; strong extensibility, compatible with PWM and RS232 a variety of extended functionality.

It can stand on the ground, control platform and watch in real time, save the transmitting video in real time; it can autonomously rise or land, and autonomously hover, lock towards, fly on airline, it has the function of turning to fly in real time.

It has the protection design, when the UAV is out of control, it can automatically return. It will warn when battery is low.

TECHNICAL PARAMETERS

Body Material	CFRP
Wheelbase	970mm
Max. Wingspan	1427mm
Weight of Fuselage	4 kgs
Max. Sailing Time	50 min
Effective Load	3.5 kgs
Cruising Speed	40 km/h
Maximum Speed	47.5 km/h
Take-off Way	Vertical take-off
Recycling Way	Vertical landing
Classification of Wind Resistance	Strong breeze

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Control Method	Full-autonomous/Wireless remote
Flight Path/High Precision	± 5m/± 2m
Communication Distance	12 km
Manual & Remote Control Distance	≥ 5m
Radius of Flight	≥ 6km
Max. Height	1000m
Max. Climbing Speed	5 m/s
Standard Battery Capacity	20000mAh Li battery
Timing in Spreading & Folding	≤ 1.5 min
Timing of replacing Battery & Oars ready	≤ 0.2 min
Equipment Size	1170 * 600 * 270mm
Noise	≤ 60 dBA@40m
Operating Temperature (with battery)	-20°C ~ 60°C