



UFO-8B: Specifications of Large eight rotor aircraft – equipped with UFO-CS optical pump Magnetic measurement system

Aircraft Size : 661 mm*661 mm*1055 mm
Wheelbase Diameter : 1800 mm
Paddle Blade: 3010 carbon fiber propeller
Empty weight: 14kg
Maximum Load : 20 kg
Maximum Takeoff Weight: 54 kg Communication Range : 5-10 km Cruising Speed : 10 m/s
Maximum Rising Speed : 5 m/s
Takeoff and Landing Mode : Fully automatic operation
Longest Flight Time : 50min
Flight time with a load of 10 kg: 20-30min
Altitude Limit : less than 3500 m Wind Resistance : Level 6
Hovering accuracy: vertical: 3cm; horizontal: $\pm 1\text{cm} + 1\text{ppm}$
Safely Control : One touch return. Low battery alarm. Once out of control returning back automatically. Black box data recording. Allowing random single propeller damage and double propeller non adjacent damage.
Autonomous Control : Autonomous takeoff/landing. Aviating automatically according to the path.

