

HYBRID VTOL UAV

Striver Mini Hybrid Fixed Wing VTOL

PRODUCT OVERVIEW

The STRIVER MINI VTOL is a 7kg class vertical takeoff and landing (VTOL) fixed-wing UAV. It is known for inheriting the safe and practical qualities of its predecessor, the Fighter. Key features include a classic aerodynamic layout, a redundant backup avionics system, and support for tool-less quick disassembly. The UAV has undergone extensive testing, including more than 500 takeoff and landing durability tests and over 4000 altitude plateau low temperature tests, ensuring its reliability and robustness under various conditions.

- Affordable And Reliable
- Revolutionizing Remote Sensing
- A Cost-Effective Solution
- Automation and simple use
- User-Friendly Interface
- Transforming Aerial Operations
- Future-Proof Technology





FEATURES

BASIC PARAMETERS

Material	EPO, EVA, Carbon Fiber, Engineering Plastics
Wingspan	2100mm
VTOL arm	744mm
Fuselage height	156mm (without foot pads)
Fuselage length	1200mm
Wing area	59dm ²
Assembly method	Tool-Less Quick Disassembly
Load compartment size	180×150×110mm
Transport box size	1.07m×0.35m×0.48m

FLIGHT PARAMETRES

Take-off and landing mode	VTOL
Maximum take-off altitude	3000m
Practical lift altitude	4500m
Wind resistance:	Class 5 (normal operation)
Cruising speed	18-21m/s
Stall speed	10m/s



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POWER SYSTEM

•Minimum Capacity:	22000mAh
•Configuration	6S1P / 22.2V / 6 Cells
Discharge Rate	25C
Max Burst Discharge Rate	50C
Net Weight(±20g)	2490g
Dimensions	200mm LX 91mm W X 64mm H
Balancer Connector Type	JST-XHR

CHARGER

MODEL	SKYRC PC1080
Charge Current Range (A)	1.0 to 20Ax2
No. of Cells	6S x 2
Output Power (W)	080 W (540 W x 2)
Discharging Power (W)	100 W (50 W x 2)
Balance Current(mA)	1.2 A
Battery Type	LiPo/LiHV
Charging Mode	Balance Charge Mode / Storage Mode / Charge Mode



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ADD ONS

RGB Camera
SURVAILANCE CAMERA
EMLID BASE STATION
EMLID AIR UNIT

PRODUCT IMAGES

