



**380 "Humpback whale"
VTOL UAV**

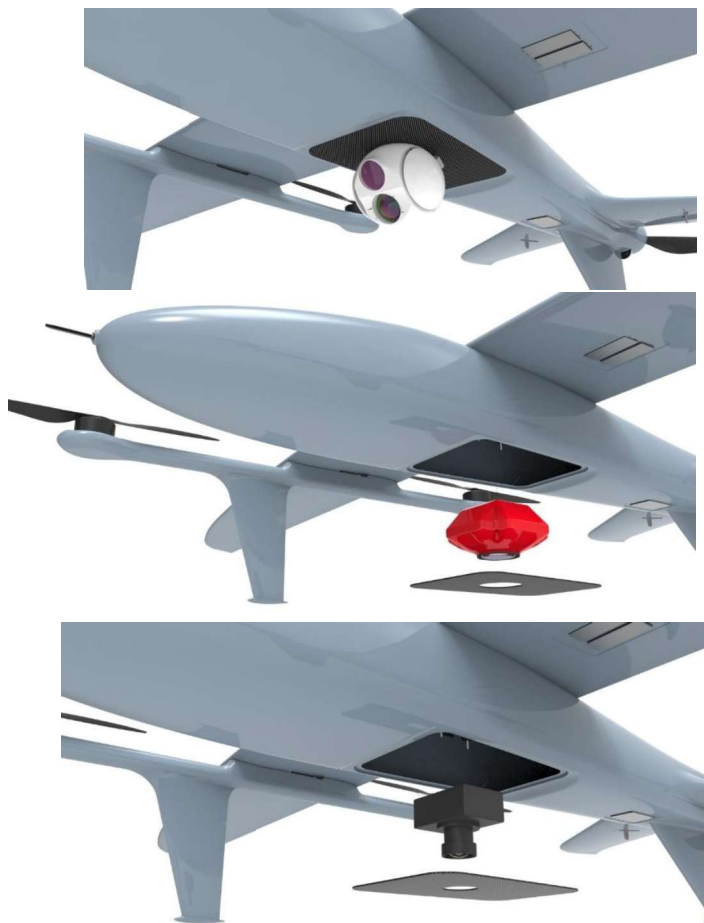


Basic Parameter



Max. Take-off Weight	35kg
Wingspan	3800mm
Length	1800mm
Max. Payload	5-10kg
Powerplant	Electric motor
Endurance	1.5-3h
Optimum cruising speed	18-25m/s
Stall speed	16m/s
Maximum speed	35m/s
Propeller size	25inch VTOL; 24inch Cruising

Mileage	230km
working temperature	-20~45℃
Battery configuration	12S 30000mah or 12S 44000mah
Minimum circle radius	100m@20m/s
Service ceiling	5000m
Wind resistant capacity	6 (Take off/landing) 7 (Cruise)
Deploy time	open≤10min, retract≤15min
Control radius	30km-50km
Take off and landing mode	Autonomous vertical takeoff and landing
Carrying Case	1650*350*300mm



380 “humpbackwhale”VTOL UAV can carry various payload such as EO/IR pod, Orthophoto camera and etc., and be applied to security surveillance, patrol reconnaissance, geographic mapping and surveying, powerline inspection and other fields.

