

Ziyan 's Brand New

# Unmanned Aircraft System

High Mobility Enhanced Portability



## Falcon-10



**Collapsible**

Portable



**5500m**

Maximum  
Flying Altitude



**130km/h**

Maximum Speed



**Autonomous  
Obstacle Avoidance**

Large Angle Avoidance

Overall Size	1655*565*580mm	Control Radius	30km
Overall Size (Folded)	865*315*360mm	Maximum Endurance	50min
Main Rotor Diameter	1910mm	Maximum Flying Altitude	5500m
Maximum Take-off Weight	22kg (Plain data)	Cruising Speed	60-90km/h
UAV Weight	7.6kg (Without battery)	Maximum Horizontal	130km/h
Battery Weight	7.4kg	Wind Resistance	Beaufort Level 7 (Wind speed 17m/s)
Maximum Payload	7kg	Storage Temperature	-20~60°C
Operating Temperature	-10~55°C <sup>①</sup>		

\*<sup>①</sup>Customized low temperature batteries are available

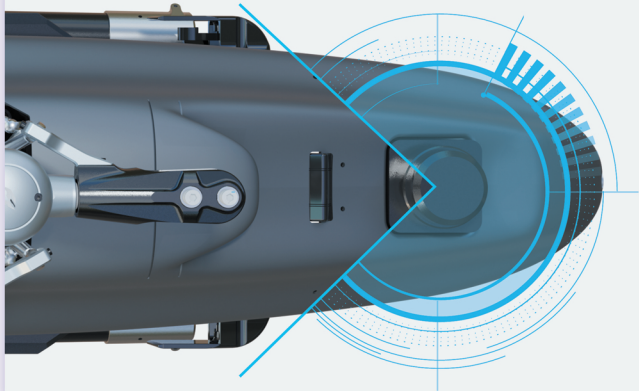
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Expanded Functionality



Autonomous Obstacle Avoidance

A single module to make it easy to avoid large angled obstacles, reduce load on the fuselage, reduce redundant modules, possess higher mobility.

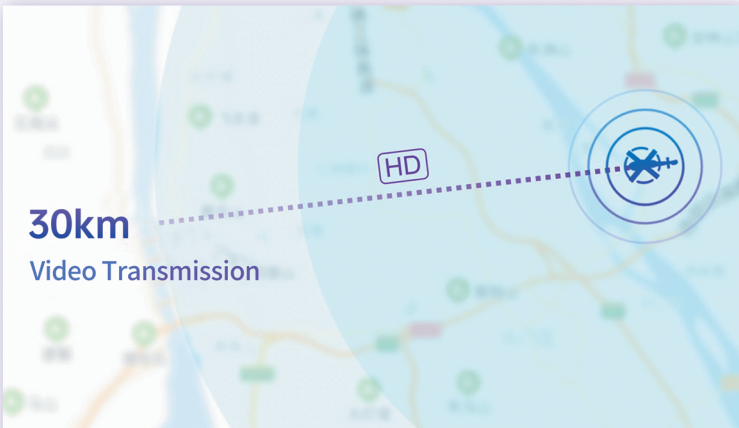
Large capacity Open payload cabin

Customized multi payload; quick release universal hanger, easy to deploy, pair the Falcon-10 with multiple mini-UAVs to form a primary-secondary system and launch suicide attacks.



Beyond Visual Line of Sight Image

Support transmission of video and data over 30km, integrated design for video and data transmission, decentralized system technology, one node to multiple nodes communication, flexible and compatible, strong anti-jamming capabilities, ensure instant communication.



30km Video Transmission

Portable

Fuselage collapsible mode, suitable for single operator, simplify procedures for operator.

