

## XXF-B90 High strEngth CARbon fiber 4 rotor UaV

Can be equiPpeD With various loads such as therMal imaging cameras and zoom cameras



### B leaf I Introduction:

XXF-B90 is an industrial class quadrotor UAV system independently developed and manufactured by our company. It consists of an all-carbon fiber airframe, high-speed brushless motor, and high-efficiency carbon fiber blades. The new generation cradle head interface can be equipped with various loads such as thermal imaging and zoom cameras, and can provide professionally customized services to various industries such as power, public safety energy, and fire protection.

The use of unmanned aerial vehicles in areas such as aerial photography, detection, police use, exploration, logistics, vegetation protection and disaster relief is also becoming more widespread, and this is also particularly important in the selection of airframe materials.



**product F Features:**

- 1. Using unique research and development of intelligent star flight control system with two degrees of redundancy | M, system stability is greatly improved
- 2. Uses high efficiency brushless motor with full carbon fiber blades, high voltage battery, maximum flight time up to 60 minutes.
- 3. Integrated HD video transmission system, transmission distance reaches more than 3 km
- 4. It uses a global satellite navigation system to provide more stable positioning and navigation capabilities for aircraft.
- 5. The body uses a carbon fiber one-piece molding process to achieve the lightest weight, most convenience, and the one that best meets your aesthetic needs.

**Product parameters:**

Aircraft type	quadrotor
W base of heel	920mm
A altitude	500mm
P Acking measurement	670×535×330mm
W eight	3.7kg
D Dynamic properties:	
M maximum takeoff weight	9kg
maximum load	3kg
B battery capacity	25,000m Ah lithium battery
Maximum battery life without load	48 minutes
C Delimbing speed	0~4m/sec
C furious speed	0~15m/sec
altitude limit	5000 meters
C Communication distance	5km
○ orientation system	GPS, RTK
E environment	
wind resistance	10m/sec (level 5)
W operating temperature	-20℃~60℃
Dustproof/waterproof level	IP54

**adaptable M number:**



JYB-Z40



JYB-T2



JYB-ZT40



HTL-P0 Pro



YLJG



DHX-L50

If you are interested in this product, please feel free to contact us.