

M90

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Carbon fiber+engineering plastics+aerometal



Wheelbase
900 mm



Endurance
60 min



MTOW
12kg



Max Load
3 kg





5M Effective Pixel

Front FPV Camera

5MP wide angle HD IP camera
Precise recognize obstacles

High Strength Structure, Lightweight Airframe

The body is made from Carbon fiber board+ Aluminium Alloy CNC, high strength and light-weight

12s power system provides a more stable flight

Endurance up to 60min without payload



Foldable Design

Adapts foldable motor arms and detachable landing gear. Which makes transport size much smaller.



Intelligence Beattery

Plug and Play

Intelligence battery:

Protection for Overcharge, over-discharge, and short circuit

Voltage, current, battery cycles, battery health display

Battery Self-heating, keep its active and more efficient



Front millimeter-wave radar
obstacle avoidance module



Integrate RTK, PPK module

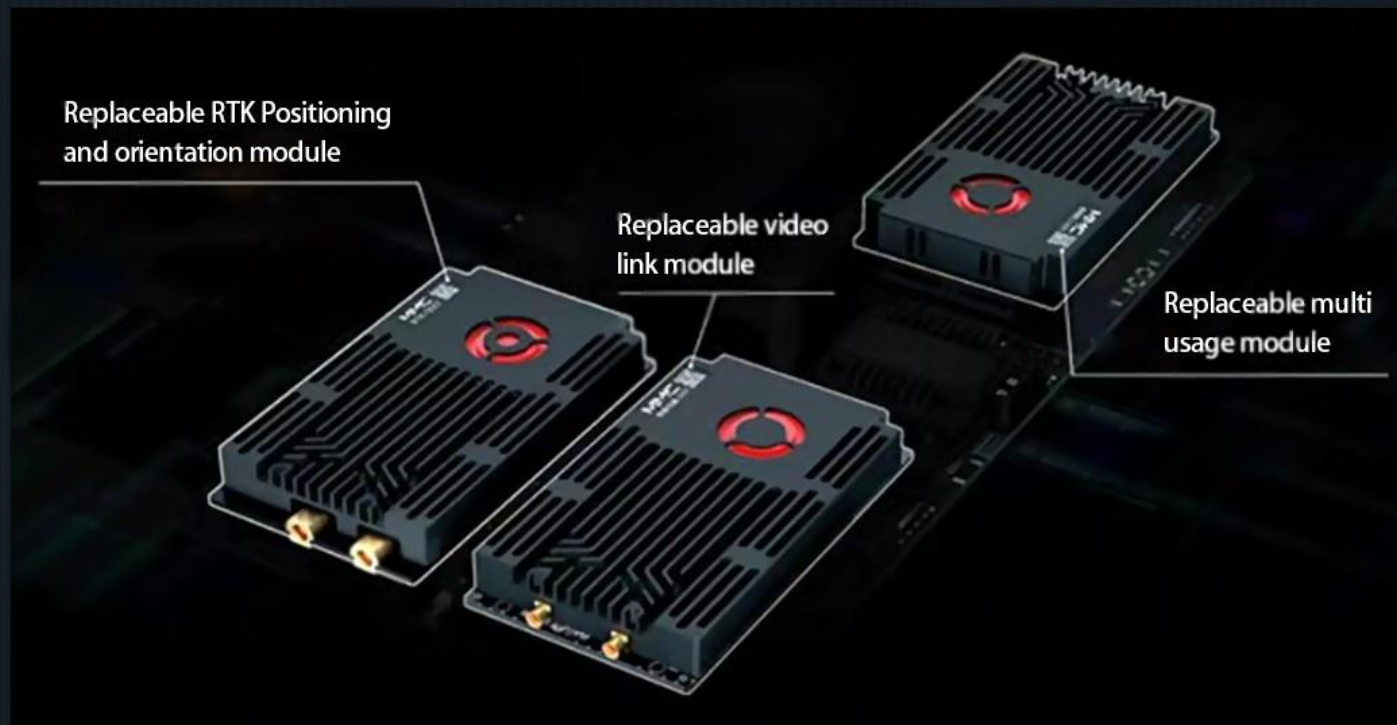
M90 features Dual RTK antenna high-precision positioning

Replaceable module avionics board

OPTIONAL: 1.4G enter-net module, airborne computer NX module

Standard interface

Quick to replace



GCS Optional

Hand-held GCS optional

▼ GCS 1

Control range:

3-7 km



▼ GCS 2

Control range:

12-20 km



Suitable for Drone Nest

Installed with IR precise landing module

Network RTK

Unmanned operation



Payload

Compatible with many multi-function payloads
Support dual payload systems mount simultaneously

Q10T



MINI Z10TIR



Q10TIRM



Mapping camera



Searchlight



Speakers



Applications

Power inspection



River inspection



Substation inspection



Construction inspection



Highway inspection



Emergency fire reconnaissance



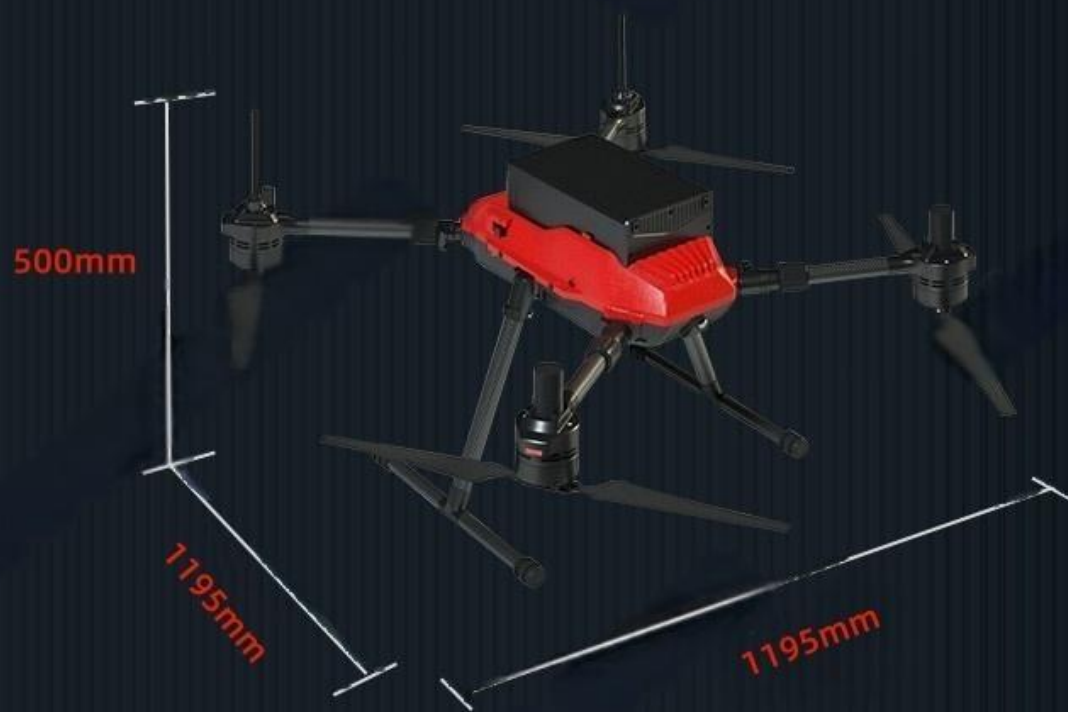
Expanded Dimension



Folded Dimension



Expanded Dimension



Folded Dimension



Package



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