



MAVRIK X8

THE ULTIMATE AERIAL PLATFORM

OVERVIEW

The SteadiDrone MAVRIK offers the best in medium lift commercial sUAS systems. Compact, reliable and ready for any job with it's front-mounted rotational gimbal, 'rapid deploy' design and other advanced features which make it an ideal everyday working device.

PHYSICAL SPECIFICATIONS

TYPE

Multi Rotary Wing

FRAME MATERIAL

Carbon Fiber, ABS Plastic, Aluminium

PROPULSION

8 x T-Motor MT 4008 600KV Brushless motors
 T-Motor 14 x 4.8 Carbon Fiber Propellers
 2 x HobbyWing 25 x 4 Quatro ESC

POWER SOURCE

10 000mAh-4S 40C LiPo Battery

FLIGHT CASE

Aluminium Exterior
 ZoteFoam (Flame Retardant)
 900 x 540 x 230 mm



IMAGE USED MAY NOT REFLECT THE ACTUAL DRONE

DIMENSIONS

| AIRFRAME | LENGTH | WIDTH | HEIGHT |
|---------------|--------|--------|--------|
| FOLDED | 585 mm | 220 mm | 115 mm |
| UNFOLDED | 500 mm | 775 mm | 205 mm |
| DIAGONAL SIZE | 814 mm | | |

WEIGHT

| | |
|--|---------|
| Airframe Weight (No motors & Avionics) | 1.3 Kg |
| RTF Weight (No LiPo Battery) | 2.65 Kg |
| RTF Weight incl LiPo | 3.65 Kg |
| Max Payload Weight | 2.2 Kg |
| Max All Up Weight | 5.88 Kg |

OPERATION SPECIFICATIONS

FLIGHT PERFORMANCE

| | |
|---|----------|
| MAX operational flight time (No payload) | ± 18 min |
| MAX range (Endurance based on a 5m/s speed) | 3.6 Km |
| MAX forward speed | 18 m/s |
| MAX climb rate | 9 m/s |
| MAX descent rate | 6 m/s |
| MAX operational altitude (ASL) | ± 4000 m |
| MAX range (Radio) | 1500 m |
| MAX operating wind speed | ± 11 m/s |
| MIN operating temperature | -5 °C |
| Max operating temperature | +50 °C |

CONTROL FREQUENCY

Radio - 2.4 Ghz

*Data telemetry radio (915Mhz or 433Mhz)

* Location Dependable

Software (Suggested)

Windows - Mission Planner
 MAC - APM Planner
 Android - Tower