



# MAVRIK X4

## 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

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

#### POWER SOURCE

8 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)	2.2 Kg
RTF Weight incl LiPo	2.95 Kg
Max Payload Weight	1.5 Kg
Max All Up Weight	4.95 Kg

### OPERATION SPECIFICATIONS

#### FLIGHT PERFORMANCE

MAX operational flight time (No payload)	± 24min
MAX range (Endurance based on a 5m/s speed)	5 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