Mark8

Product support and FAQ

Consumer-grade drone that combines ease of use with advanced features. It offers stable flight, high-quality video capture, and a range of intelligent flight modes. Whether you’re capturing stunning aerial footage or just enjoying the thrill of flight, the Mark8 delivers an exceptional drone experience.

# Specifications

## Aircraft

* Takeoff Weight: 800 g
* Dimensions Folded (without propellers): 210×90×80 mm (L×W×H)
* Dimensions Unfolded (without propellers): 350×280×110 mm (L×W×H)
* Max Ascent Speed: 4 m/s
* Max Descent Speed: 3 m/s
* Max Horizontal Speed (at sea level, no wind): 12 m/s
* Max Takeoff Altitude: 4000 m
* Max Flight Time: 25 minutes
* Max Hovering Time: 22 minutes
* Max Flight Distance: 15 km
* Max Wind Speed Resistance: 8 m/s
* Max Pitch Angle: 20°
* Operating Temperature: 0° to 35° C (32° to 95° F)
* Global Navigation Satellite System: GPS
* Hovering Accuracy Range Vertical: ±0.3 m (with vision positioning) ±1.2 m (with GNSS positioning)
* Hovering Accuracy Range Horizontal: ±0.6 m (with vision positioning) ±1.8 m (with high-precision positioning system)
* Internal Storage: 12 GB

## Battery

* Capacity: 4500 mAh
* Weight: 250 g
* Nominal Voltage: 11.4 V
* Max Charging Voltage: 13.2 V
* Type: Li-ion 3S
* Energy: 51.3 Wh
* Charging Temperature: 10° to 30° C (50° to 86° F)
* Charging Time: Approx. 80 minutes

# Frequently Asked Questions

## Q1: Is the Mark8 suitable for beginners?

A1: Yes, the Mark8 combines ease of use with advanced features, making it accessible for beginners while still offering capabilities that experienced users will appreciate.

## Q2: What is the video quality of the Mark8's camera?

A2: The Mark8 captures high-quality video, providing clear and crisp footage for all your aerial videography needs.

## Q3: How do I activate the intelligent flight modes on the Mark8?

A3: Intelligent flight modes can be activated through the Mark8 controller, allowing for various automated flight patterns and camera movements.

## Q4: Can the Mark8 follow me automatically?

A4: Yes, the Mark8 includes intelligent flight modes that allow it to follow you autonomously, perfect for capturing dynamic footage.

## Q5: What should I do if my Mark8 is not responding to the controller?

A5: Ensure that the controller is charged and properly connected to the drone. If the issue persists, contact Contoso Electronics' customer support for assistance.