

# WA4-200

“Falcon”



# Humanitarian Aid Logistics Operations (HALO)

The WA4-200, known as Falcon, is a heavy-duty, unmanned aerial system (UAS) designed for high-volume operations in rugged field environments, including humanitarian aid logistics operations (HALO). When equipped with the proprietary universal mounting plate, it can carry additional sensor payloads for applications such as dynamic data collection, surveillance, and reconnaissance.

## Features:

- Carries up to 10 Pounds, for up to 10 Miles
- Servo Delivery
- Lightweight Carbon Fiber and Aluminum Frame
- Powered by Two LiPo Batteries
- LiDAR Range Sensor
- Downward and Forward-facing Cameras

## Dimensions:

Height	17" / 43.168 cm
Length (Blades Open)	52.2" / 132.5 cm
Width (Blades Open)	52.9" / 134.4 cm

## Weight:

Aircraft (Empty)	12.78 lb / 5.80 kg
Airframe (W/ Batteries)	24.24 lb / 11.0 kg
Max Takeoff	34.19 lb / 15.507 kg

## Airspeed:

Max / Never Exceed	40 knots
Normal Cruise	Up to 30 knots (Payload Dependent)

## Flight Endurance:

Normal Operations	45 minutes (Payload Dependent)
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