



Drop-Down Winch System

Maximum Weight	5 kg
Minimum Weight	1 kg
Tether Length	10 m - 30 m
Delivery Options	Drop-Release Slowly Lower

Quick-Release Delivery Box

Internal Dimensions	10" x 12" x 12"
Maximum Weight	1 kg
Delivery Options	Bottom Release Latch Remotely deploy contents without landing Front Release Latch Retrieve goods once drone has landed

Integrated POV Camera

Camera Mount	On the Winch System / Delivery Box
Camera Zoom	5x Optical
Camera Stabilizer	3-axis

Aircraft Specifications

Aircraft Dimensions	162cm x 160cm x 30cm (64" x 63" x 12") with propellers
Maximum Payload Weight	10kg (22lbs)
Maximum Takeoff Weight	25kg (55lbs)
Empty Weight	15kg (33lbs)

Flight Characteristics

Climb Rate	590.6 ft/min (3m/s)	Maximum Hover Endurance	55 minutes
Descent Rate	590.6 ft/min (3m/s)	Maximum Flight Endurance	50 minutes
Maximum Turn Rate	90 deg/s	Maximum Operating Range	Direct visual line of sight
Maximum Operating Airspeed (Manual) ..	38 knots (72 km/h)	Maximum Controller Signal Range	2 km (1.2 miles)
Maximum Automated Mission Airspeed ...	38 knots (72 km/h)	Maximum Altitude Angle	34 degrees
Maneuvering Airspeed		Maximum Turn Rate (Yaw)	90 degrees/sec

Limitations

Maximum Operating Temperature	+38° C (100.4° F)	Relative Humidity	0% to 90% non-condensing
Minimum Operating Temperature	-25° C (-13° F)	Operating Ceiling	2438m (8000ft) ASL
Maximum Wind Resistance	35 km/h (21 mph)	Density Altitude Limit	2438m (8000ft) ASL