



Long-Range Surveillance and Reconnaissance Drone Specifications

Aircraft Dimensions

Wingspan	3.50m
Length	1.86m
Height	0.60m

System Specifications

MTOW	22.0 kg
Maximum Payload Weight	1.50 kg
Maximum Flight Endurance	2 hours
Service Ceiling (Density Alt.)	10,000ft ASL

Operating Environment

Maximum Wind Speed	10m/s (20kt)
Minimum Operating Temperature	-15°C (59°F)
Maximum Operating Temperature	40°C (100°F)

Flight Characteristics

Cruise Airspeed	22 m/s (42 kt)
Maximum Airspeed	30 m/s (58 kt)
Stall Speed	15 m/s (29 kt)
Takeoff / Landing Method	VTOL (4+1 configuration)
Maximum Operational Range	130 km
Maximum Radio Comms Range	Up to 20 km with point to point

Dependent on C2 and video link.
Configurable with various Point to Point or cellular options for expandable service range.

About

The **Long-Range Surveillance and Reconnaissance Drone** is a versatile, vertical take-off and landing (VTOL) multirotor unmanned aerial vehicle (UAV) designed for ease of use and long flight times. The quick-assembly design, allows for rapid set up and launch. Made from composite materials, the frame is light and tough, and can withstand high winds, making it possible to perform aerial tasks in various complex situations.

The **Long-Range Surveillance and Reconnaissance Drone** supports automated missions as well as semi-automated flight operations and is compatible with a wide variety of payloads. This ready-to-fly solution is ideal for agricultural monitoring and research, border control and surveillance, mapping, surveying, environmental monitoring, and search and rescue.



*Specifications are approximate and may vary