



>WEIGHT AND BALANCE

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| MAX TAKE-OFF WEIGHT | 7kg |
| It is the maximum mass at which the aircraft is certified for take off due to structural or other limits. MTOW is usually specified in units of kilograms or pounds. | |
| PAYLOAD CAPACITY | 2.5kg |

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| AIRFRAME DIMENSIONS | |
| WINGSPAN | 1.95m |

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| SPECIFICATIONS/CAPABILITIES | |
| AVERAGE CRUISE SPEED | 27mph |
| FLIGHT TIME | Up to 90 Minutes |
| FLIGHT DISTANCE | 65km |
| OPERATING TEMPERATURE RANGE | -30c to +50c |
| INGRESS PROTECTION RATING (WATER RESISTANCE) | IP45 |
| TAKE-OFF | Safe Bungee Launch |
| LANDING | Belly Land/Parachute |
| SAFETY FEATURES | Parachute, ADS-B Transponder/Receiver |
| SOFTWARE | Ardupilot Mission Planner for Search & Rescue Planning |

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| CAMERA SOFTWARE | |
| HD DAYLIGHT CAMERA | <ul style="list-style-type: none"> • 24.3MP • 0.98cm/px @ 60m altitude (59m x 39m IFOV) • 1.63cm/px @ 100m altitude (98m x 65m IFOV) |
| THERMAL IMAGING CAMERA | <ul style="list-style-type: none"> • Resolution 640 x 512 • 7.79cm/px @ 60m altitude (50m x 40m IFOV) • 12.98cm/px @ 100m altitude (83m x 66m IFOV) |

