



XI MULTIROTOR UAS - SPECIFICATIONS

| | X1 | X1-H |
|---|---|-------------------------|
| Size / Diagonal Wheelbase | 980mm | |
| MTOW (Maximum Take-Off Weight) | 55lbs (25kg) | 55lbs (25kg) |
| Payload Capacity | Up to 22lbs (10kg) | Up to 11lbs (5kg) |
| Cruise Speed | 20 mph (32 kph) | |
| Maximum Speed | 45 mph (72 kph) | |
| Maximum Flight Time | Up to 45 minutes | Up to 4 hours |
| Endurance* | Up to 15 miles (24 km) | Up to 80 miles (128 km) |
| Maximum Operational Altitude - Height Above Mean Sea Level (AMSL) | 15,000 ft | |
| Operational Range** | Up to 12 miles (20 km) | Up to 62 miles (100 km) |
| Propulsion System | LiPo Battery | Hybrid (LiPo / ICE***) |
| Fuel Capacity | N/A | 2.64 gal (10L) |
| Fuel Type | N/A | Gasoline |
| Temperature Range | 14°F to 113°F (-10°C to 45°C) | |
| IP Rating | IP64 | IP54 |
| Wind Resistance | Up to 40 mph (64 kph) | |
| Avionics | Triple Redundant IMUs (Dual Heated) | |
| GPS | Dual GPS | |
| Aircraft Avoidance | ADS-B Tx & Rx | |
| Collision Avoidance | Forward & Downward-facing LiDAR, 100m range <i>Full 360° Collision / Obstacle Avoidance Optional</i> | |
| Propeller Size | 20" | |
| Tether Capability | Yes | |

Various sensor and controller options available - please enquire for more information

*Endurance is dependent on speed, payload and environmental factors / conditions

**Extended Operational Range available with Satcom / Cellular Communication modules

***ICE - Internal Combustion Engine

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