

COMMANDO HELI UAV SYSTEM

Use: Multi Role VTOL Surveillance System

The Commando is an autonomous electric, unmanned, vertical take-off (VTOL), system. Manufactured by Alpha Unmanned Systems, the Commando is in operational use with security forces worldwide. Its reduced sound emissions, light weight, cost effectiveness and portability allows this platform to be used for a wide variety of applications, military, homeland security, emergency service and industrial inspection. It is particularly useful in urban environments where size and weight and acoustic emissions are restricted.

The Commando can be fitted with a wide variety of payloads according to mission and application requirements, including day, low-light, night vision or IR sensors. The payloads can be adapted to the client's requirements, offering bespoke versions.

The Commando is fully autonomous - from take-off to landing, minimising the requirement for skilled pilots and continuity training.

UAVSI offers a comprehensive support package including on-site operator training worldwide.



COMMANDO Heli- UAV



COMMANDO Heli-UAV ground control station



Commando Rotor detail

COMMANDO ROTARY/HELI UAV INFORMATION:

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|-----------------------|--|
| Rotor diameter | 1.8 m |
| Length | 1.5 m |
| Height | 0.5 m |
| MTOW | 8.0 kg |
| BEW | 6.5 kg |
| Payload | 1.5 kg |
| Power plant | Tri-phase brushless engine |
| Endurance | 1 hour |
| Battery | Lithium polymer |
| Speed range | 120 kph/64 kts |
| Ceiling | 3,000 m |
| Launch/recovery | Fully autonomous take-off and landing (VTOL) |
| Payload capabilities: | EO/IR |
| | Gyro stabilised |
| | Geo referenced |
| Operating range | 25 nm |
| Surveillance details | Real time from sensors |
| Transport case | Ruggedised, weatherproof 2m x 0.5m x 0.7m |
| Structure | Carbon fibre, aluminium |