2.4GHz Q200/300

Designed and manufactured in Great Britain

868MHz Q200 Q300

QuestUAV - Part of SecInt Group of Companies

QuestUAV Q-200 Defence

High & Low Altitude Land Mapping & Thermal Search

Q-200 SURVEYOR

Survey large areas in high detail using the Q-200 Surveyor Pro. This 2m wingspan, fixed-wing aircraft is ideally suited to high resolution data collection across your entire survey site, with hundreds of hectares of coverage achievable in a single flight.

Launching Swiftly And Safely

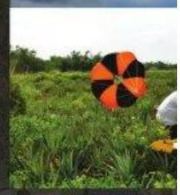
Our line launch system provides safe launch capability in any weather conditions. The large propeller and powerful motor push the aircraft quickly up to it's survey height and the custom end plates provide the stability needed for accurate imaging.

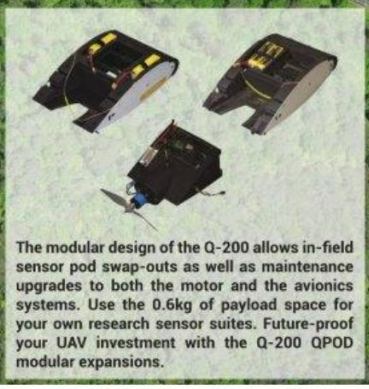
The Q-200 requires a two-person flight team, with the pilot performing final flight checks and launching the aircraft under the supervision of their counterpart, the mission commander - providing safety and flexibility during missions.

Parachute Recovery As Standard

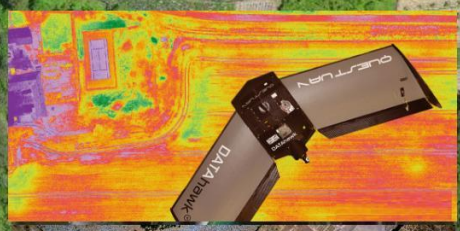
Naturally, the Q-200 is fully capable of both the standard autonomous or pilot-assisted landings - there is also a built-in, reusable balistic parachute canopy is available to provide the pilot with an extra landing option.

Whether the pilot is planning a more accurate or spontaneous landing if conditions have changed, or if there is sudden risk to the flight or UAV - the parachute release is available at the flick of a dedicated switch and button.

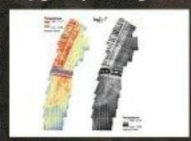




The modular design of the Q-200 allows in-field sensor pod swap-outs as well as maintenance upgrades to both the motor and the avionics systems. Use the 0.6kg of payload space for your own research sensor suites. Future-proof your UAV investment with the Q-200 QPOD modular expansions.



Using our thermal pod - thermal imaging at 80 images per second (382 x 288 pixels resolution) gives you insight into ground conditions that would not otherwise be highlighted. Temperatures of -20 to +900 degrees are supported. Files containing all recorded values as radiometric images, videos and tabulated text are available as outputs.

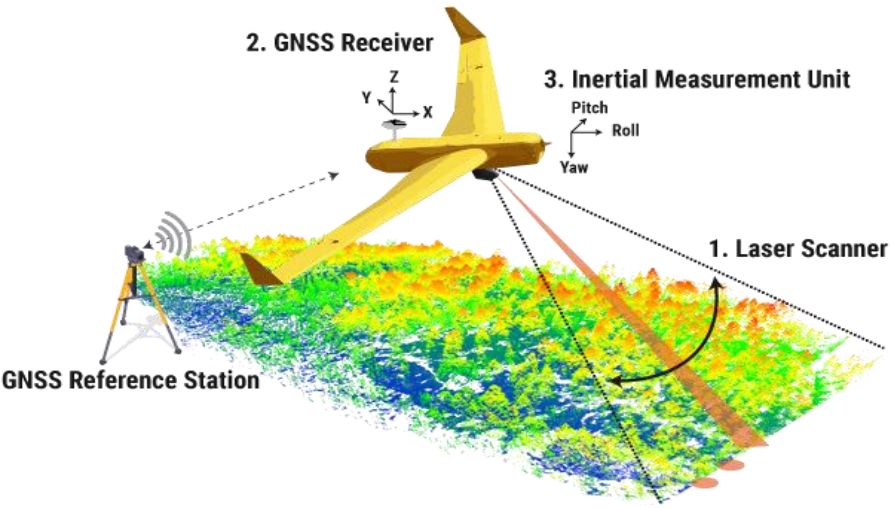


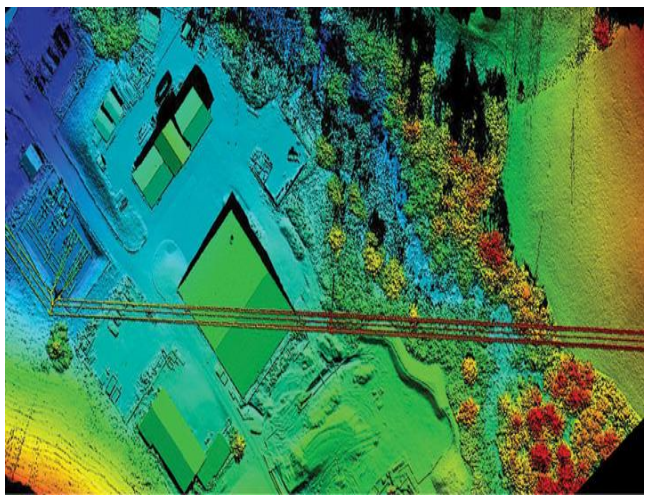
- **Thermal Imagery**
- **Disaster Recovery**
- **Combat-Tested Platform**

- **Compact Man-Portable Systems**
- **Fast In-Theatre Deployment**
- **Interchangeable Sensor**

QuestUAV Q-200 Defence with its module pod allows for a quick reaction to changing battlespace situations:

- Day or night surveillance cameras
- Thermal sensors for search & rescue
- Multispectral sensors for monitoring ground terrain condition changes
- LiDAR sensors for penetration of forest and jungle locations detecting hidden vehicles.
- Laser Range Finder and Designator support for artillery positioning





SecInt UAV Ltd – United Kingdom (Part of the SecInt Group of Companies)

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Operational Specifications	
UAV Type	Fixed Wing
Pre-Flight Setup Time	10-15mins
Endurance In A Single Flight	up to 60mins
Average Cruise Speed (Overidable)	35 Knots
Max Speed	54 Knots
Take-Off Weight	4.6Kg
Take-Off Type	Safelaunch Bungee
Landing Type	Auto Landing, Belly Landing, Parachute
Landing Space	30 x 15m
Autopilot Outputs	Location, Height, Pitch, Yaw and Roll
GSD (@400ft)	2.9cm
Payload Area Size	110mm x 144mm x 98mm (hwd)
Payload Weight Limit	590g

Product Specifications

Wingspan	1950mm	Image Processing Software	Pix4Dmapper Pro, Agisoft Photoscan
Material of Construction	EPP (Expanded Polypropylene), Carbon Fibre, Corex, Polypropylene (1.2mm), ABS (1.5mm), Laminate (0.0125mm)	Carry Case	2 Hard Cases (1440 x 410 x 310mm, 555 x 410 x 210mm)
Take-Off Weight	4.6kg	Parachute Recovery System	Yes As Standard
Motor Type	Axi 2826/8 Brushless Motor	Radio Tracker	Available As Optional Extra
Propeller Size	12 x 6	Radio Tracker Specs	7.9g, 80km Range, 433mHz
Power Source	3 x 5000mAh LiPo (Total 15000mAh)	Electronic Speed Controller	70amp, With Thermal And Overload
Communications and Control Range	2.4GHz 2km	Transmitter	Spektrum DX9
Long Range Communication and Control Range	868MHz 20km	Servos	Metal Gear (Digital)
		Aerial Power	10mw with 2.4gHz, 1-315mw with 868mHz
Flight Planning And Control Software	Sky Circuits	Operational Laptop/Tablet Minimum Specs	Windows 7 Minimum

- Easily portable system less than 10kg including hard peli-type case.
- Training time – no experience to combat pilot operational within 72 hours.
- Simple engineering for in-theatre support.
- Fast global spares support