Introducing Quantix™

Powerfully Simple Drone for on-demand aerial inspections, mapping and actionable insights

Quantix™ is an innovative drone featuring a powerfully-simple, autonomous flight with operator in the loop and a unique, hybrid design that allows the aircraft to launch vertically and transition to horizontal flight; maximizing aerodynamic efficiency and range.

Within a single flight, its sensors capture high-resolution color RGB (Red, Green, Blue) and multispectral NDVI (Normalized Difference Vegetation Index) imagery that provides you with instant, actionable intelligent insights to help guide decision making and improve operational efficiencies.

- Fixed-wing/multirotor hybrid design
- Fully automated takeoff, flight and landing with operator in the loop
- Intuitive one-touch planning, launch, and operation
- Quick-look maps allow instant field assessments
- Integrates with the AeroVironment Decision Support System™

Included Android™ tablet allows for instant assessments to speed in-field decision making.

Simultaneously collects high resolution (1”/pixel) color RGB and (2”/pixel) multispectral NDVI images.
Don’t just collect data; extract meaningful insights.

Images collected from Quantix™ are instantly available on the included tablet after landing for quick assessment while you’re still in the field.

The collected data seamlessly integrate with the AeroVironment Decision Support System™ (DSS) online for deeper analysis. The DSS automatically stores and processes your images into high-resolution aerial maps, features toolsets for deeper image analysis and comprehensive survey reports to help guide decision making and improve operational efficiencies.

Agriculture: Monitor crops effortlessly
- Detect crop health anomalies early
- Monitor and track input effectiveness
- Improve farming efficiencies and yield

Energy: Identify potential threats
- Monitor pipelines from 400 feet
- Detect oil spills or leaks
- Map coastlines and sea ice

Utilities: React faster to outages
- Expedite storm damage assessments
- Avoid ground-based obstacles
- Safely inspect plants, power and gas lines

Transportation: Break out of the gridlock
- Inspect infrastructure from 400 feet
- Assess roadways without re-routing traffic
- Monitor railways and bridges for damage

FROM THE BATTLEFIELD TO YOUR FIELD

AeroVironment invented the hand-launched intelligence drone category more than 25 years ago. With more than one million flight hours by U.S. military customers, AeroVironment offers drone and analytics technologies with a higher level of reliability and safety that you can depend on.

For more information, visit avinc.com/CIS

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