



# 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.

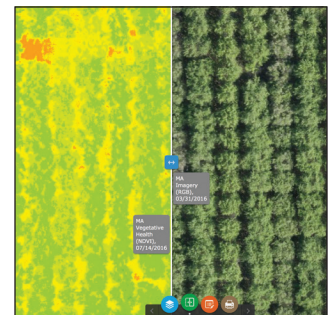
Within a single flight, its sensors capture high-resolution color RGB (Red, Green, Blue) and multi-spectral NDVI (Normalized Difference Vegetation Index) imagery that provides you with instant, actionable intelligent insights to help guide decision making and **improve operational efficiencies.**

- Fixed-wing/multirotor hybrid design
- Fully automated takeoff, flight and landing with operator in the loop
- Intuitive one-touch planning and launch
- 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 R,G,B and (2"/pixel) multispectral R,G,NIR images.



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## SCOUT FASTER AND FARTHER WITH EASE

### Innovative hybrid design

- Takes-off and lands like a multirotor
- Range, reliability and efficiency of a fixed-wing aircraft
- Allows for a safe launch and soft landing, protecting sensors

### OneTouch planning & launch

- Dedicated interface via included Android™ tablet
- "Push-to-launch" command
- Automated takeoff, flight and landing

### Long-range

- Flies up to 400 acres per 45 minute flight
- Cruising speed of 40 mph
- FAA compliant: 400 ft AGL, visual line of sight

### Durability and Safety

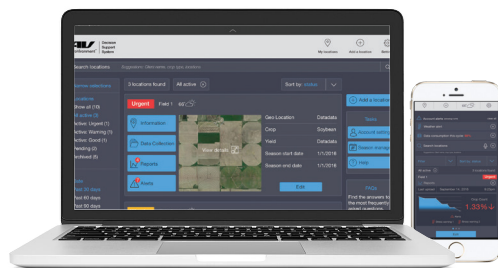
- Rugged and durable technology, proven reliable in harsh conditions
- Features "Return Home" and "Emergency Land" override features

## ACTIONABLE INTELLIGENT INSIGHTS – ON DEMAND

### 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.

Visit [avinc.com/CIS](http://avinc.com/CIS) to sign up for exclusive updates.  
**Available Spring 2017.**

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