Quantix™ Hybrid Drone
Powerfully Simple to Use Delivering On-Demand Field Intelligence

Simultaneously collects high resolution (1”/pixel) color True Color and (2”/pixel) multispectral NDVI images. Quick-Look™ maps are available on the operating tablet as soon as Quantix lands.

Quantix™ is an innovative drone featuring a powerfully simple, automated flight and a unique, hybrid design that allows the aircraft to launch vertically and transition to horizontal flight; maximizing aerodynamic efficiency and range. With the simple touch of a button, Quantix initiates a fully-automated takeoff, flight and landing, eliminating the learning curve so even first-time users can successfully operate the drone safely to collect meaningful data.

With Quantix, you can now survey your entire farm more efficiently and accurately, on your schedule, to easily spot crop health issues that might be missed by the naked eye. Within a single flight, its integrated cameras capture both high-resolution color and multispectral imagery. On-board processing delivers composite true color and NDVI maps as soon as the drone lands using Quick-Look™. This allows for quick assessment while you’re still in the field to catch potential issues before they start impacting yield.

Key Features
• Fully automated takeoff, flight and landing
• Surveys up to 400 acres per 45-minute flight
• Built-in dual 18MP Cameras, Solar Sensor
• Quick-Look maps allow instant field assessment
• Integrates seamlessly with AV DSS Analytics Software

Key Benefits
• Improve scouting efficiency and accuracy
• Assess the effectiveness of your growing processes
• Gain a scientific/objective view of your field
• Better enablement of ground truthing

Fly responsibly—it is your responsibility to understand and abide by the FAA Small UAS rules (part 107).
### SCOUT FASTER AND FARTHER WITH EASE

<table>
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<tr>
<th>Innovative Hybrid Design</th>
<th>One Touch Planning &amp; Launch</th>
<th>Long-Range</th>
<th>Durability and Safety</th>
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<tr>
<td>Takes-off and lands like a multirotor</td>
<td>Easy flight planning &amp; pre-flight checklist process</td>
<td>Flies up to 400 acres per 45 minute flight*</td>
<td>Rugged and durable technology, proven reliable in harsh conditions</td>
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<td>Range, reliability and efficiency of a fixed-wing aircraft</td>
<td>Automatically performs aircraft health status</td>
<td>Cruising speed of 40 mph</td>
<td>Features “Emergency Stop”, “Return &amp; Land” and “Land Now”</td>
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<tr>
<td>Allows for a safe launch and soft landing, protecting valuable cameras</td>
<td>Fully automated flight control &amp; data collect</td>
<td>FAA compliant: flies at less than 400 ft AGL</td>
<td>Geo-fencing keep in control zones</td>
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### FULLY INTEGRATED DRONE-BASED INFORMATION ECOSYSTEM

**Built to Work Better Together—Quantix & AV DSS**

For more detailed analysis, the data collected by Quantix seamlessly integrates with the AeroVironment Decision Support System™ (AV DSS). AV DSS automatically performs advanced image processing, analytics, and comparative and historical reporting, providing actionable intelligence so you can make smarter, quicker decisions.

AV is delivering the complete end-to-end ecosystem—hardware and software from the same company, eliminating compatibility concerns. Quantix and AV DSS are optimized to deliver actionable crop health insights to improve farming efficiencies and profitability for seasons to come.

### 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 seasons to come.

*AV is listed as one of only 10 companies that are tier 1 (top tier) superior supplier for U.S. Army.

For more information, visit www.AVdroneanalytics.com

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