

## AeroVironment's New Mantis i23 D Multi-Sensor Imaging Payload Delivers Superior Daytime Surveillance Performance

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- Mantis i23 D is a compact, high-performance daytime imaging payload system for intelligence, surveillance and reconnaissance (ISR) operations at an extended range
- Features 24X digital zoom video for extended ISR without compromising image quality
- Payload provides 50 percent wider HFOV and more than four times the target detection capability over the current Mantis i23 for improved situational awareness

ARLINGTON, Va.--(BUSINESS WIRE)--Aug. 30, 2022-- [AeroVironment, Inc.](https://www.businesswire.com/news/home/20220830005288/en/) (NASDAQ: AVAV), a global leader in intelligent, multi-domain robotic systems, today introduced [Mantis™ i23 D](#) a multi-sensor daytime imaging payload compatible with the [Raven® B](#) small unmanned aircraft systems (SUAS). An enhanced daylight variant of its predecessor, the Mantis i23, Mantis i23 D maintains its ruggedized design and utilizes the same modular interface to allow for quick and simple swapping between payloads with no software updates required to the avionics or ground control systems.

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At 13.4 ounces (380 grams), the ultralight imaging system features dual 18 MP electro-optical sensors and class-leading 24X digital zoom, providing four times improved target detection over the current Mantis i23 payload during daytime missions. Through its advanced suite of sensors, extended zoom capability, onboard processing and digital imaging stabilization, the Mantis i23 D payload allows operators to increase aircraft standoff distance without compromising image quality.

"With the introduction of the next-generation Mantis payload, we have expanded the capabilities and adoption of the combat-proven Raven SUAS," said Charles Dean, AeroVironment vice president of global business development, sales and marketing. "Customers can now operate their Raven systems at a greater standoff distance than before, enabling eyes-on-target from several kilometers away and reducing the risk of the target

The Mantis i23 D daytime imaging payload system allows operators to capture ISR at a greater aircraft standoff distance without compromising image quality. (Photo: AeroVironment, Inc.)

detecting or hearing the SUAS overhead."

To learn more about Mantis i23 D and AeroVironment's expansive Mantis product line of micro-gimbals, visit: [www.avinc.com/uas/payloads](http://www.avinc.com/uas/payloads).

### ABOUT AEROVIRONMENT, INC.

AeroVironment (NASDAQ: AVAV) provides technology solutions at the intersection of robotics, sensors, software analytics and connectivity that deliver more actionable intelligence so you can proceed with certainty. Headquartered in Virginia, AeroVironment is a global leader in intelligent, multi-domain robotic systems and serves defense, government and commercial customers. For more information, visit [www.avinc.com](http://www.avinc.com).

### SAFE HARBOR STATEMENT

Certain statements in this press release may constitute "forward-looking statements" as that term is defined in the Private Securities Litigation Reform Act of 1995. These statements are made on the basis of current expectations, forecasts and assumptions that involve risks and uncertainties, including, but not limited to, economic, competitive, governmental and technological factors outside of our control, that may cause our business, strategy or actual results to differ materially from those expressed or implied. Factors that could cause actual results to differ materially from the forward-looking statements include, but are not limited to, our ability to perform under existing contracts and obtain additional contracts; changes in the regulatory environment; the activities of competitors; failure of the markets in which we operate to grow; failure to expand into new markets; failure to develop new products or integrate new technology with current products; and general economic and business conditions in the United States and

elsewhere in the world. For a further list and description of such risks and uncertainties, see the reports we file with the Securities and Exchange Commission. We do not intend, and undertake no obligation, to update any forward-looking statements, whether as a result of new information, future events or otherwise.

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