

AEE Collaborates with ModalAI to Bring AI and Safety to Drones



[AEE Aviation](#), a global leader in drone and camera technology, has announced the expansion of their partnership to include the artificial intelligence (AI) capabilities of ModalAI. The two companies are enabling drones to navigate environments more safely and efficiently for drone operators. Specifically, this will allow AEE to integrate advanced AI perception into its core line of drones and UAVs, bringing unprecedented, state-of-the-art safety and autonomy to AEE drones. The first product in this line will be the soon-to-be-released AEE MACH 2, which is expected to utilize the Qualcomm Flight Pro platform featuring the Qualcomm APQ8096SG processor.

“The Mach 2 will be a direct result of a partnership between two industry leaders and a talented group of robotics engineers who are dedicated to making drones safer, easier to fly and more inclusive to the consumer,” said Mike Kahn, AEE’s Chief Marketing Officer. “The advanced programming offered by ModalAI puts a brain behind standard obstacle avoidance, thus easing two primary concerns among new navigators – crashing their products and injuring others, both of which become far less likely with this new technology.”

With the anticipated integration of ModalAI features into the Qualcomm Flight Pro Platform, AEE’s Mach 2 is expected to be equipped with the highly-sophisticated, simultaneous location and mapping (SLAM) system, which allows the drone to become aware of its surroundings by creating a virtual map in its brain as it flies. Utilising visual inertial odometry allows the Mach 2 to better understand it’s flying environment and allows the drone to hold its position in GPS denied areas. The Mach 2 will also feature GPS and GLONASS satellite positioning systems, an external joystick for easy flying, a 22-minute battery life along with high-quality Sony sensor camera capable of producing 4k videos and 13 mega-pixels still images.

AEE Mach 2 is expected to be available to select resellers in Spring 2019 at a suggested retail price below US\$500.

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