

Inspired Flight and Phase One launch joint solution for aerial photography



Inspired Flight Technologies and Phase One have jointly launched a new plug-and-play solution that combines aerial imaging and flexible operations to meet diverse surveying and inspection needs. Inspired Flight Technologies is a leading manufacturer of commercial small uncrewed aerial systems (sUAS), while Phase One is a world-leading developer and manufacturer of medium and large-

format aerial photography systems.

The solution integrates the Inspired Flight IF1200A and the Phase One P3 camera, providing customers with an exceptional opportunity to increase their data quality, end-to-end productivity and operational safety using a proven UAS platform.

Increased data quality and end-to-end productivity

According to Marc Stollmeyer, product manager and co-founder of [Inspired Flight Technologies](#), the integration between the IF1200A and the Phase One P3 camera is critical to their business goals and future growth. He expressed his excitement about the first true Mavlink-based P3 integration on the [IF1200A](#). "The Phase One team was great to work with during the integration effort, and we can't wait to bring this new capability to the market on an industry-leading NDAA-compliant UAS," he stated.

Michael Messerschmidt, unmanned portfolio director at [Phase One](#), is equally enthusiastic about deepening the partnership between Inspired Flight and Phase One. "With this plug-and-play solution, customers have an exceptional opportunity to increase their data quality, end-to-end productivity and operational safety using a proven UAV platform," he commented. He expressed both companies' confidence that this joint solution will empower customers to conduct more efficient missions with unrivalled performance.

The Inspired Flight and Phase One P3 integration solution comes with many benefits, including complete camera control and the ability to write GNSS data directly on the image for photogrammetry and inspection applications. The Phase One [P3 Payload](#) is well known for its excellent image quality in high-precision and time-critical inspections. It consists of a high-resolution 100MP iXM camera designed for UAVs, including a BSI sensor with the highest dynamic range of 83dB, a rangefinder with Smart Focus, and a broad array of lenses, including 35mm, 80mm and 150mm. The solution combines two market-leading products, the IF1200A and Phase One's P3 100MP imaging payload, to provide highly proven efficiency.



The new aerial mapping solution integrates the Inspired Flight IF1200A and the Phase One P3 camera.