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Phase One certifies Xer Technologies' hybrid electric X8 BVLOS capable UAS for next-generation high-resolution inspections

Copenhagen, Denmark / Dietikon, Switzerland, 19 September 2023 - Xer Technologies, a leading Swiss manufacturer of long-endurance hybrid-electric drones and Phase One, a global leader in manned and unmanned airborne camera solutions are pleased to announce their collaboration and full integration of the Phase One P3 payload with the Xer X8 UAV platform.



Photo: Automated long-range powerline inspection with the Xer X8 UAS and Phase One P3



Photo: High-resolution dam inspection using the Xer X8 UAS and Phase One P3

By combining the Xer X8 and Phase One payload, inspection companies, drone service providers, and asset owners are now able to acquire high-resolution images from long-endurance autonomous flight operations, significantly reducing inspection acquisition time and costs.

The X8 UAS is a game-changing platform enabling cost-effective, high-performance Beyond Visual Line of Sight (BVLOS) inspection of infrastructure assets, including powerlines, pipelines, railroad, and remote industrial structures.

When combined with the X8, the Phase One P3 payload offers ultra-high-resolution photos of assets at planned geo-specific waypoints. The heavy duty X8 platform is deployed within minutes and can fly missions with the Phase One P3 for over 2.5 hours, dramatically increasing project efficiency and ROI. Xer X8 UAS offers high safety and redundancy to ensure successful missions.



Photo: Close-up of the integration of the Xer X8 UAS and Phase One P3

“The Phase One camera provides key benefits to UAS inspection missions”, said Gökmen Çetin, International Sales Manager at Xer Technologies. “With the combined quality and performance of the Phase One and X8 systems, inspection companies now have the platform and ability to acquire high-quality data at a fraction of the time.”

“The integration of the P3 on the Xer X8 is a milestone as it adds flight time that significantly increases productivity and scalability in full scale grids inspections, without compromising the data quality. With the Xer X8 our customers can take a leap in the transition towards greener and more cost-effective utility inspections” – Michael Messerschmidt, Phase One Portfolio Director – Unmanned

The Swiss-designed and manufactured X8 UAS in combination with the Phase One P3 payload offers longer inspection flight time, less pilot reposition, fully automated flights and fewer images, delivering enhanced productivity and superior visual assets in support of inspection mission objectives.

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About Phase One

Phase One A/S is a leading researcher, developer and manufacturer of medium- and large-format digital cameras and imaging systems. Founded in 1994, Phase One has pioneered the development of digital photography technology. The company has developed core imaging technologies and a range of digital cameras and imaging modules, providing the world's highest image quality in terms of resolution, dynamic range, color fidelity and geometric accuracy. Over the years, Phase One has grown to become the leading provider of high-end imaging technology across many demanding business segments, such as space imaging, aerial mapping, industrial inspection, and heritage digitization, as well as serving the world's most demanding professional photographers. Based in Copenhagen, Denmark, and with regional offices in Denver, Cologne, Tel Aviv, Saku, Tokyo, Beijing, Shanghai, and Hong Kong, Phase One nurtures long-term relationships with customers, technology partners and its global network of distributors, often playing the role of digital imaging partner to customers with unique requirements. It is with this passion for service that Phase One continually exceeds expectations and drives the imaging industry forward.

We deliver Imaging Beyond Imagination.

www.phaseone.com

About Xer Technologies AG

Xer Technologies AG (Switzerland) is dedicated to the development, production and marketing of customisable, heavy-duty Unmanned Aerial System (UAS) solutions. Xer enables its customers to generate actionable data insights to create a safer, more efficient and sustainable world. The [Xer X8](#) UAV can be launched within 2 minutes and based on its unique hybrid-electric technologies, carries payload of more than 7 kg and can fly up to 2.5 hours under adverse weather conditions. www.xer-tech.com

Issued by Xer Technologies AG and Phase One

Anna Moessner, Global Marketing Director, Phase One

Gökmen Çetin, International Sales Manager, Xer Technologies AG,
for more information contact us at info@xer-tech.com or +41765452073