**FOR IMMEDIATE RELEASE**

# Photoneo Launches PhoXi 3D Scanner Gen3: Setting a New Standard for High-Resolution Industrial 3D Scanning

**BRATISLAVA, SLOVAKIA – July 10, 2025** – Photoneo, now part of Zebra Technologies and a global leader in high-resolution 3D vision systems, today announced the launch of its best-in-class **PhoXi 3D Scanner Gen3**.

Engineered for the most accuracy-critical applications across various industries, this top-of-the-line 3D scanner introduces a powerful Blue Laser technology along its integrated color camera, delivering unparalleled precision and reliability in a durable, feather-light carbon body.

The PhoXi 3D Scanner Gen3 represents the new generation of the world’s most robust 3D scanner with advanced capabilities that allow for the detection of hairline cracks, micro-edges, and subtle assembly flaws with **60% more 3D data points,** without compromising its robust scanning range. Gen3 also provides ultra-clear scans, empowering AI-powered inspection, tighter quality control and high-accuracy VGR applications.

*"The PhoXi 3D Scanner Gen3 defines new standards in 3D scanning accuracy,"* said Svorad Stolc, CTO of Photoneo. *"We've listened to our customers' needs for higher accuracy, better material handling, and unmatched reliability, and this new scanner delivers on all fronts. Its blue laser technology, integrated color capture, and autonomous maintenance features will redefine how businesses approach quality control, logistics, and automation."*

**Key Innovations and Benefits:**

* **Top-Notch Color Data:** Featuring an **integrated RGB camera**, the Gen3 captures both **3D data and color texture simultaneously**, simplifying tasks like verifying labels, finishes, or material blends for enhanced quality assurance, sorting, and texture analysis.
* **Unrivaled Surface Versatility:** This scanner effortlessly handles challenging surfaces, including black plastics, reflective metals, rubber, and matte finishes, achieving up to **2.5 times better 3D data completeness** on complex materials, eliminating wasted time and rescans.
* **Exceptional Range and Detail:** Gen3 is fully calibrated for distances up to 4 meters, with **robust accuracy up to 6 meters for larger logistics tasks**, ensuring trustworthy 3D vision for both close-up inspections and long-range object detection.
* **Double the Speed, No Trade-Offs:** The Gen3 supports **advanced parallel scanning** using both blue and red laser variants concurrently, with no interference between wavelengths. This dual-channel architecture dramatically **increases scanning throughput and data density** without compromise.
* **Zero Maintenance:** With autonomous maintenance capabilities, the Gen3 eliminates the need for special marker patterns, physical access, or service calls. Users can **auto-maintain the device with a single click**, ensuring submillimeter accuracy that doesn’t drift over time and keeping production lines always running.

**Dependable, High-Precision Results:**

* **5.1 MP 3D resolution**
* **60% more 3D points**
* **8 MP RGB data**
* **Operates in any lighting conditions**, even direct sunlight
* **Up to 2.5× better scan completeness** on difficult materials
* **20 dB higher dynamic range**
* **Any distance from 0.3 m to 6 m**
* **Autonomous Maintenance:** No marker patterns, no tuning, no hassle

**For press inquiries, interviews, or to schedule a private demo session, please contact:** Inna Imas, [Inna.imas@zebra.com](mailto:Inna.imas@zebra.com), [Photoneo-marketing@zebra.com](mailto:Photoneo-marketing@zebra.com)

**About Photoneo**

Photoneo, now part of Zebra Technologies, is redefining industrial automation with advanced 3D vision and robotic intelligence. Our industry-leading technology empowers businesses in automotive, logistics, e-commerce and other sectors to achieve fully intelligent dynamic automation, with precision, efficiency, and scalability. Photoneo is a leading provider of industrial 3D vision, AI-powered automation solutions, and robotic intelligence software. Since its foundation in 2013, the company’s mission has been to give vision and intelligence to robots all over the world so that they can see and understand. The goal is to automate monotonous and risky tasks by deploying vision-guided robots. Based on a patented 3D technology, Photoneo developed the world’s highest-resolution and highest-accuracy 3D camera, opening up new perspectives on automation. [www.photoneo.com](http://www.photoneo.com)