

DATALOGIC AND DATASENSING AT SPS NUREMBERG 2023: REVOLUTIONIZING INDUSTRIAL AUTOMATION AND TRACEABILITY SOLUTIONS

Datalogic, a global technology leader in the automatic data capture and industrial automation markets, and Datasensing, a specialist in sensors, safety, and machine vision, are pleased to present their complete portfolio of industrial automation solutions at SPS 2023 in Nuremberg, Germany, from November 14th to 16th.

Step into the future in Hall 7A, Booth 110, and discover Datalogic's innovative solutions that guide companies through their digital journey. We offer you the keys to achieving complete traceability in production and logistics, as well as implementing robust control and safety systems for your robotic cells and automated guided vehicles.

We're thrilled to showcase live demos to illustrate the effectiveness of our solutions in meeting the rigorous demands of data collection, real-time tracking, and traceability in production and safety applications – the very essence of Smart Manufacturing. Don't miss this opportunity to experience innovation in action.

Superior traceability solutions

Visitors will be able to discover how the Datalogic's Matrix™ family of high-performance imagers are used to resolve traceability requirements, helping innovative companies increase throughput and accuracy in their manufacturing, warehousing, logistic, and distribution processes.

Be sure not to miss the unveiling of Datalogic's groundbreaking new BLADE™ product, taking barcode scanning to new heights. This cutting-edge solution utilizes imaging technology to enhance reliability and reduce maintenance costs in Automated Warehouse, Intralogistics, and Packaging applications.

Collect, Analyze, Prevent

Unlock the secret to monitoring and optimizing the performance of your automation systems, ensuring uninterrupted operation. WebSentinel Plus is your ultimate solution for maximizing system uptime, offering real-time monitoring, diagnostics, and queries for plant maintenance, accessible locally or remotely.

Mark & Read solutions: Precision perfected

Mark & Read applications require the utmost accuracy, and the AREX™ 401 provides companies with a durable laser marking system to ensure long-lasting, high-quality marking on any surface. When your production requires versatility, Datalogic laser markers will take you to the next level. For ultimate reading performance, the new PowerScan 9600 DPX models put unsurpassed DPM traceability into an ultra-rugged handheld device.

Sensing at its best

In addition to the new solutions for tracking and tracing goods along the entire flow of manufacturing and logistics processes, Datasensing is pleased to present several live demos to guide visitors through the latest innovations in sensor, safety, and machine vision, including two world premieres: the P3x Series Smart Cameras and the new miniaturized LGS Lidar portfolio.

When it comes to automated in-line quality inspection, nothing beats the new P3x Series. Featuring unrivaled processing power, high image resolution, and the flexibility of IMPACT software, the P3x unlocks edge processing for the most complex of machine vision applications.

Datasensing's other first-to-market unveiling is in one of the most exciting areas of industrial automation: Automated Guided Vehicles (AGVs). The new family of miniaturized LGS Navigation Lidars delivers the highest performance while minimizing dimensions and total cost of ownership. Thanks to an ultra-compact form factor, the miniature LGS lidars are suitable for both indoor and outdoor navigation and can be used on any automated vehicle that needs 360° proximity data to navigate autonomously and avoid collisions with unexpected objects.

Speaking of safety application requirements, visitors will have the opportunity to see the SH4 Series, the latest development in safety light curtains, in action. Their revolutionary graphical configuration app, which runs on any PC, smartphone, or tablet, allows users to create the most sophisticated device configurations, including partial dynamic muting and floating blanking, in seconds.

Completing Datasensing's line-up of novel products is Smart-VS™: the newly released model of the award-winning Smart-VS Series. It offers extended management of good/no good examples and allows users to address quality control applications through the power of AI technology.

Integrating deep-learning technology for quality assurance

PEKAT VISION, the Datalogic Group company that develops proprietary machine vision algorithms, will present its deep learning solutions for applications in industrial automation and materials logistics. With its live demo, PEKAT VISION will introduce the MX-G2000 high-performance industrial computer, providing a comprehensive solution for industrial visual inspection and quality control powered by AI. PEKAT VISION's easy-to-use solution seamlessly complements the group's existing offerings and aligns with the evolving needs of its global customer base, increasing their productivity and supporting their growth by enhanced accuracy, time efficiency, and cost savings in quality inspection.

We extend a warm invitation to all to join us in Hall 7A, Booth 110, and connect with our team of experts from Datalogic and Datasensing. Our specialists are eager to offer valuable insights, address your inquiries, and delve into the possibilities of forging new collaborative partnerships with you.