MATRIX 830 AND MATRIX 930 - HIGHEST THROUGHPUT DELIVERED WITH SIMPLICITY

Datalogic introduces the Matrix 830 and 930 series — the only 2D area imagers in the world that can scan conveyor belts up to 1 meter wide with a single device. With ultra-high-resolution sensors, unmatched throughput, and patented focus technologies, they deliver a truly revolutionary solution for parcel sortation, combining maximum performance with the lowest system cost.

Bologna, Italy – March 5th, 2026 – Datalogic, a global leader in automatic data capture and industrial automation, unveils the Matrix 830/930 series, heralding a new era for parcel sortation in logistics. These ultra-high-resolution 2D imaging barcode readers set a new benchmark for performance, efficiency, and total system cost, redefining how large-area conveyor scanning is achieved.

The only one for wide-belt coverage

The Matrix 930 is the only device in the world capable of covering conveyor belts up to 1 meter wide with a single reader. With its 28-megapixel, 8000-pixel-wide sensor, no other industrial scanner can match its ability to capture large-area flows without multiple cameras, folding mirrors, or added complexity. This unique capability allows logistics operators to drastically reduce system complexity, installation time, and maintenance costs.

Future-ready, AI-enabled

The Matrix 930 Premium is AI-ready, fully compatible with Datalogic's Smart Vision Suite for Logistics. From Hazmat label recognition to advanced parcel classification, customers can unlock new value from existing infrastructure and prepare for the next generation of logistics automation.

Unmatched throughput and accuracy

Thanks to PackTrack™ technology, the Matrix 830/930 handles conveyor speeds up to 3.5 m/s, accurately capturing multiple parcels even in dense flows. The combination of ultra-high resolution and patented focus technologies ensures maximum read rates and operational robustness—performance no other scanner can achieve.

Compact, simple, cost-effective

Designed for seamless integration, the Matrix 830/930 series reduces hardware complexity, simplifies layouts, and enables faster deployment. Its industrial-grade design ensures durability while maintaining the smallest possible system footprint without compromising performance, delivering the lowest total system cost in the market

“The Matrix 830 and 930 represent a paradigm shift in large-area conveyor scanning,” said Michele Leoni, Product and Solutions Executive Vice President, Industrial Automation Products at Datalogic. “For the first time, customers can achieve unmatched throughput and accuracy across conveyor belts up to one meter wide using one single reader. This is not just about performance — it’s about radically simplifying system design while opening the door to AI-driven logistics applications.”

Matrix 830–930: ultra high resolution scanning that cuts complexity, boosts throughput, and sets the stage for the future of automated logistics.