The Power of Matrix
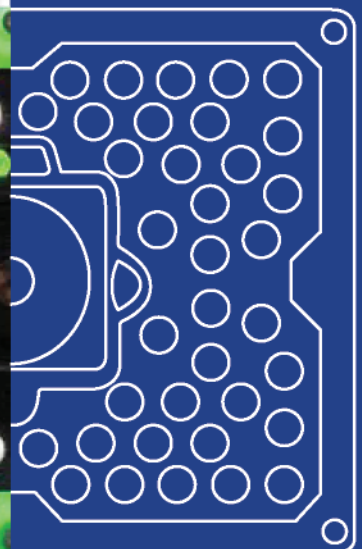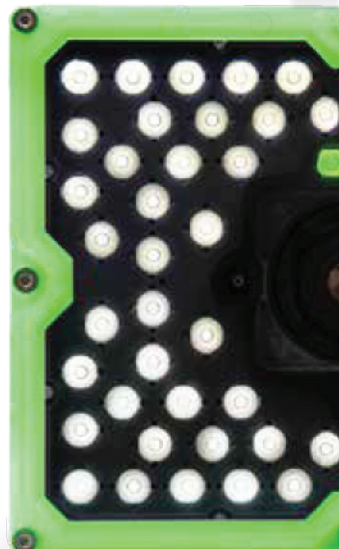
Great performance and flexibility to boost productivity

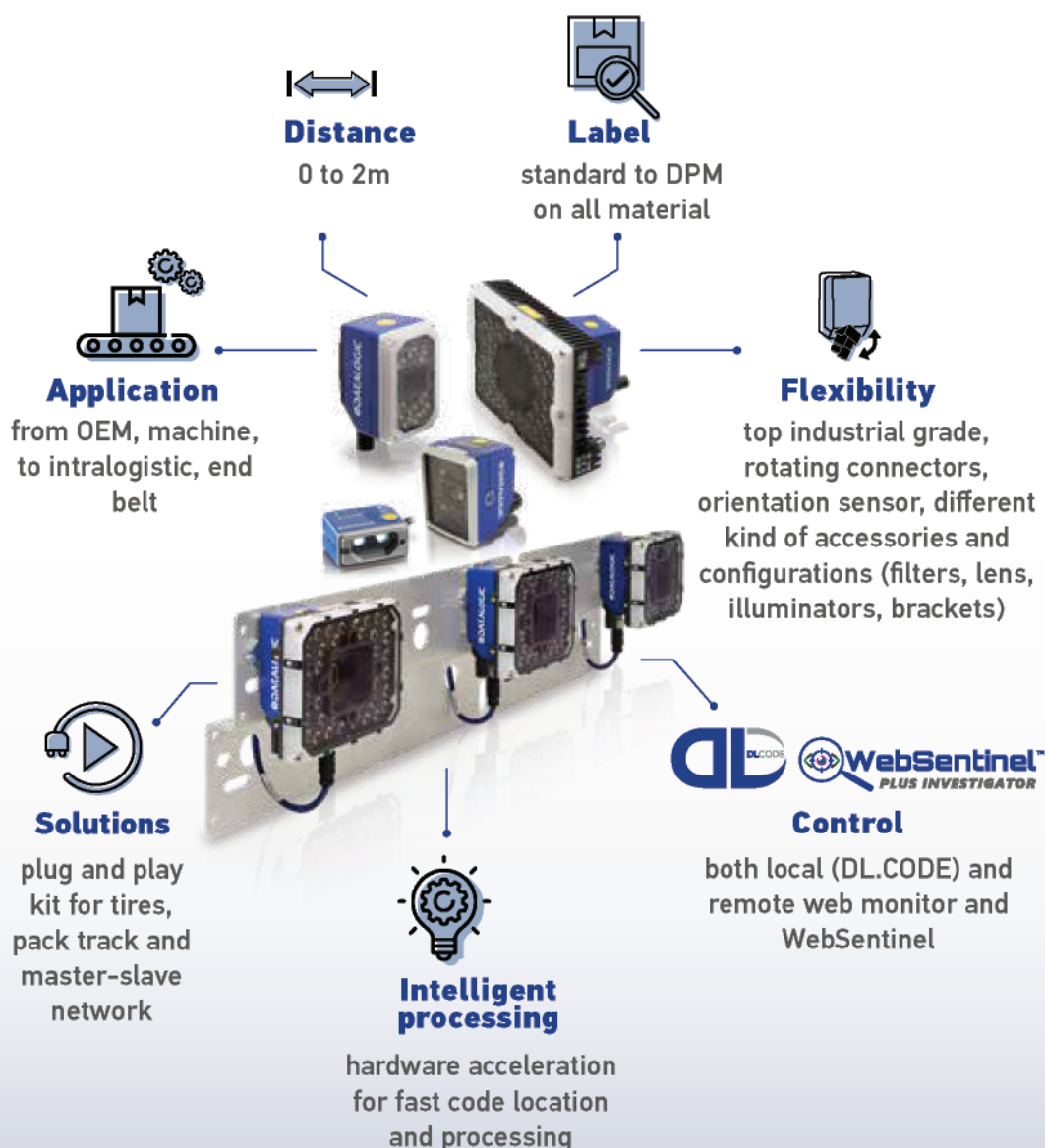**MARTEK** *Industries*

⊕DATALOGIC
EMPOWER YOUR VISION
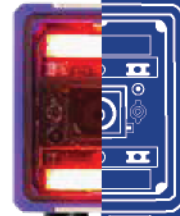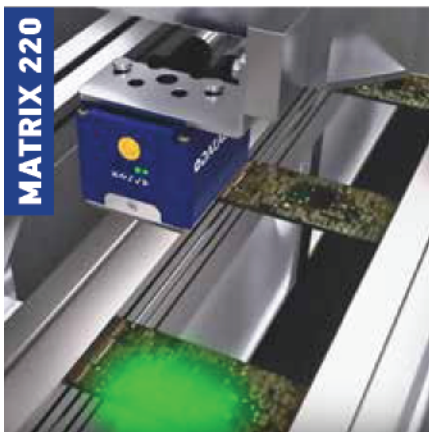
THE POWERFUL MATRIX FAMILY

Datalogic's Matrix family represents state-of-the-art performance in automatic identification solutions for factory and logistic automation, driven by our company background of more than 50 years of success.

The range consists of:

- **Matrix 120™:** the ideal solution when looking for a **product with a small size** and **easy integration** due to its **ultra-compact design and flexibility**

- **Matrix 220™:** compact, flexible and with high-performance – the perfect solution for **reading DPM (Direct Part Marking) barcodes**

- **Matrix 320™:** with **2MP or 5MP sensors** combined with **Liquid Lens technology** and **optional C-mount optics**, confirming our leadership in traceability applications in intralogistics and manufacturing.

Distance
0 to 2m

Label
standard to DPM on all material

Application
from OEM, machine, to intralogistic, end belt

Flexibility
top industrial grade, rotating connectors, orientation sensor, different kind of accessories and configurations (filters, lens, illuminators, brackets)

Solutions
plug and play kit for tires, pack track and master-slave network

Intelligent processing
hardware acceleration for fast code location and processing

Control
both local (DL.CODE) and remote web monitor and WebSentinel

NEW PREMIUM VERSION

The **Matrix 220X and 320X Premium** are designed for superior performance, thanks to a new quad-core image processing platform that can double the processing power and halve the decoding time compared to the standard version. The main customer benefits of this increased computing power translate into increased throughput, and efficiency, as well as faster handling during multi-recipe mode. The Matrix Premium can capture and process twice as many images as the standard version in a given time period.

INCREASED THROUGHPUT

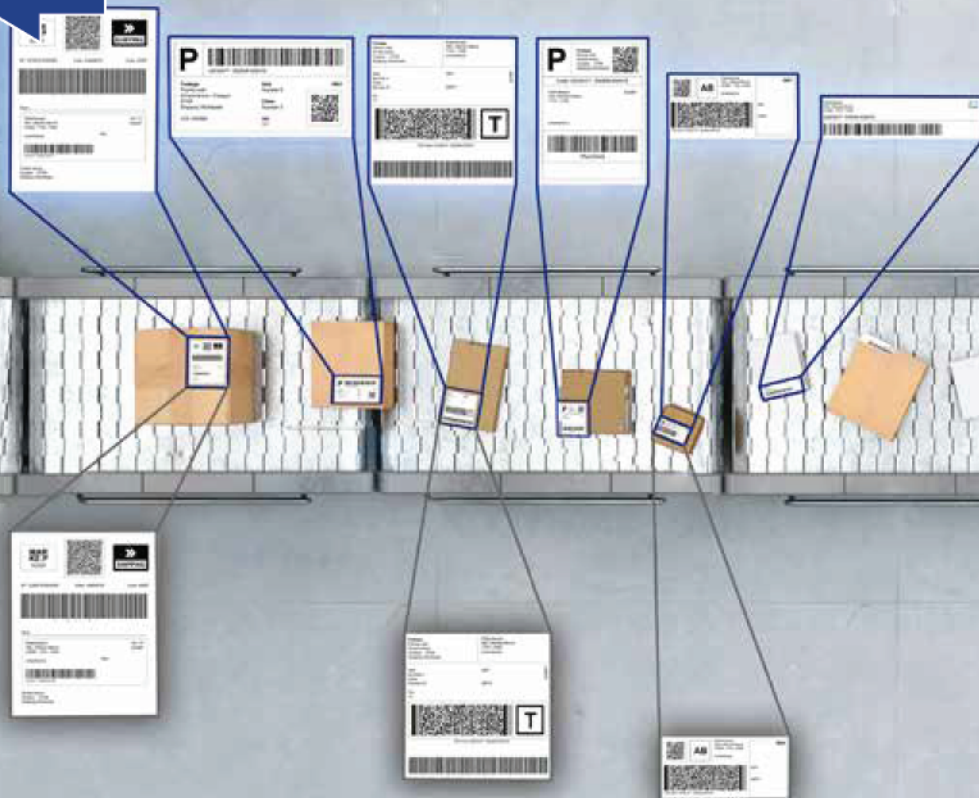**2X PROCESSING POWER (4 PROCESSING CORES)**

INCREASED EFFECTIVENESS

MULTI-RECIPE FASTER MANAGEMENT

2X processed images in the time unit

The **MATRIX PREMIUM** can process twice as many images translating into increased throughput

PREMIUM
PREMIUM

STANDARD
STANDARD

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