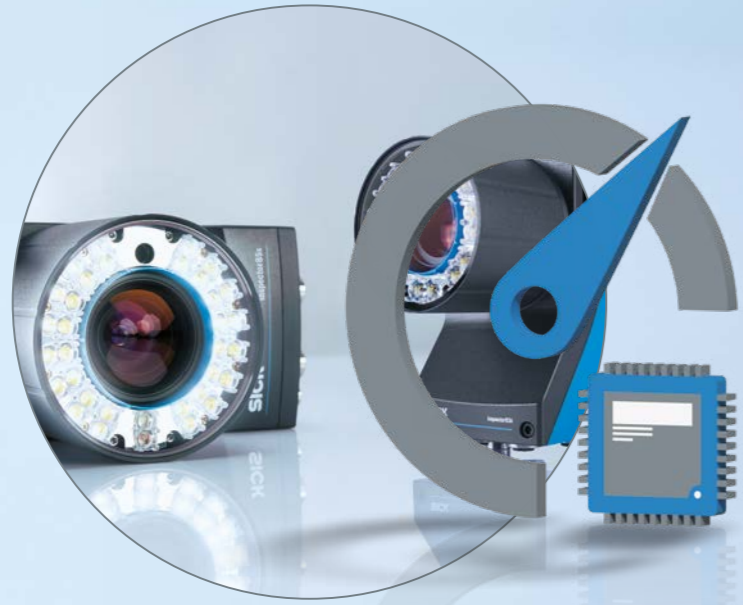## Unleash the capabilities of AI-assisted quality control

AI functionality makes machine vision tasks easier than ever. By teaching the vision sensor using examples instead of manually setting up rules, users can solve applications quickly while gaining new levels of inspection capabilities.

## Well connected

Industrial integration becomes a breeze with dual-port fieldbus capabilities and built-in export of customized PLC configurations for market-leading brands. An additional USB-C network interface provides a convenient service interface without having to use the operational network.

## Next generation Inspector

The Inspector8xx series vision sensor enables higher speed, higher resolution, stronger illumination, exceptional integration options and support for AI accelerated inspections.

## SICK Nova

Inspector83x comes pre-installed with the SICK Nova, providing a vast toolset for quality control applications. The Quality Inspection toolset enables easy validation of known specifications with rule-based tools. Teach by example with the AI-powered Intelligent Inspection toolset to simplify common machine vision tasks such as classification of parts and anomaly detection.

**Performance benchmark**
*Example depending on application*

Speedup Factor (job)

InspectorP61x/ InspectorP62x ■ InspectorP63x ■ InspectorP65x ■ Inspector83x/ Inspector81x

# Inspector83x

# AI-POWERED QUALITY CONTROL MADE STRESS-FREE

Put an end to wasted material or faulty products. Put an end to long setup times or expensive reconfiguration when the product is changed. Put an end to complicated integration or data trapped on the shop floor. The Inspector83x is designed to make quality control easy and efficient. The cutting-edge AI technology enables non-expert users to rapidly solve vision applications such as quality assurance, defect detection, and sorting directly on the device by simply teaching it by examples. The high-speed vision sensor provides an easy way to inspect every single part, every detail, every time. Connected, reliable, intelligent – stress-free.

www.sick.com/Inspector83x

# SICK
## Sensor Intelligence.