

Wahtari nTire

AI-based code reading for tires

Automated optical inspection of DOT/DOM codes on wheel assemblies

Advantages of the nTire solution



Seamless integration

Easy integration into your system



High performance

Real time detection with high accuracy



High consistency

Zero tolerance consistency for repeatable results



Edge computing

Protecting your data through edge processing



Easy integration

Fast setup in under 2 hours



Made in Germany

Real time tire inspection with AI

The Wahtari nTire inspection solution is a fully automated system for the optical inspection of DOT/DOM codes on wheel assemblies. Based on proprietary neural networks, the system detects, reads and processes codes in real time during production. Analysis and evaluation is performed on the Edge, without the need for an Internet connection, to enable high speeds, maximum data security and low latencies.

Easy integration into existing lines

nTire's modular design allows for easy integration into existing lines with minimal disruption and bring up time. With compatibility to industry standards such as ProfiNet, Profibus, Ethernet and more, the Wahtari tire inspection solution enables you to create your own integrated solutions and adapt them to existing systems.

Technical highlights



Proprietary AI & edge processing



24/7 uptime without interruption



Optical setup



Industrial IO
ProfiNet, Profibus
OPC UA



Low maintenance

