

# nSpect - Belt Inspection

AI conveyor belt inspection  
with Wahtari nCam



Artificial intelligence  
from  
**WAHTARI**

## Areas of application

Artificial intelligence as a heart for automatic defect recognition on conveyor belts.



**Surface examination**  
monitor wear & tear:  
breaks, cracks, cuts,  
holes, shreds



**Control lap joint**  
Monitor belt joints



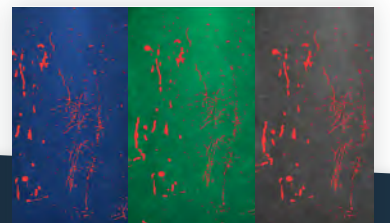
**Flexible**  
Multiple mounting and  
monitoring options



**Highspeed**  
< 15m/s belt speed



**Adaptive**  
Supports different belt  
types



**Adjustable**  
Supports multiple belt  
colors

## Real time conveyor belt inspection with AI

Detecting wear and tear of conveyor belt systems with real time belt health status information allows you to schedule maintenance downtimes and avoid unforeseen interruptions during your valuable production time.

## Open architecture for integrated solutions

Wahtari nSpect provides an open interface with many industry standards like OPC UA, ProfiNet, ProfiBus, Ethernet and more, which gives you all degrees of freedom to create your own integrated solutions and adopt to existing systems.

## nSpect belt inspection - Highlights



AI „On-The-Edge“ technology



Integrated lighting



Modular design



Motorized lens



Fast installation  
Plug & Play



Open architecture  
easy to integrate into your system



Industrial connectors - M12



Industrial Housing - IP67



Made in Germany



**High performance**  
with onboard processing based  
on Intel AI hardware

