

Automated Photo Documentation for Secure Evidence

With **AIT Photo Documentation**, companies digitize the seamless photo documentation of goods and components throughout their entire logistics and production processes. The solution captures the condition of products upon goods receipt as well as before shipping, creating a reliable basis for quality assurance, traceability, and legally sound evidence. Integrated camera stations photograph each object from defined perspectives, ensuring standardized, reproducible documentation, fully automated and without manual intervention.

All image data is uniquely assigned, archived in a tamper-proof manner, and seamlessly integrated into existing IT and network infrastructures. This makes the condition of every item fully traceable and clearly verifiable in the event of a complaint. Companies benefit from maximum transparency toward customers and logistics partners, as well as a significant reduction in costly disputes. At the same time, process reliability increases, as sources of error are minimized and workflows are standardized.

Thanks to its flexible system architecture, AIT Photo Documentation can be adapted to a wide range of requirements, from complex geometries such as vehicle bodies to individual components and sensitive products in regulated industries. The combination of modern machine vision, automated data capture, and scalable integration makes the solution a central building block for data-driven quality control and surface inspection.

Real-world examples underline the added value: a sports car manufacturer, by documenting the shipping condition of vehicle bodies, was able to successfully fend off several complaints within a very short time. In another use case, the condition of customer-specific doors was clearly documented before shipping. AIT Photo Documentation thus builds trust, reduces costs, and ensures a consistently secured supply chain.

Further application examples from a wide range of industries include front doors, medical instruments, large generators, axles, and engines.



Technical Highlights & Benefits

Quality Assurance	■ Documentation of goods condition before shipping and upon goods receipt
Traceability	■ Automatic assignment and archiving of image data
Flexible System Integration	■ Adaptable to product geometries, conveyor technology & process conditions
Complaint Management	■ Clear evidence for customers and logistics partners
Automatic Image Capture	■ Multi-perspective capture within the material flow without manual intervention
Process Reliability	■ Reduces sources of error, creates transparency & repeatability