DiMuto x intel ai

AI-Powered Fruit Defect Detection and Quality Control

DACKY

DACKY delivers instant fruit quality assessment, enabling real-time defect detection that prevents damaged produce from entering the supply chain, reducing waste and quality claims.

DiMuto's DACKY is a cutting-edge innovation that transforms fruit quality control in the AgriFood industry by combining a computer, camera, and scanner into a single compact unit. Designed for packhouse environments, DACKY scans carton codes and captures high-resolution images of the top layer of fruits within each container in real time. Powered by Intel® Core™ Ultra processors and enhanced with AI-driven defect detection algorithms, it instantly analyzes each image to identify surface defects, blemishes, and other quality issues.

This real-time quality assessment enables agri-food businesses to make faster, data-driven decisions at key checkpoints in the supply chain. By providing objective, consistent quality metrics, DACKY helps reduce disputes, minimize product waste, and ensure that only high-grade produce reaches the end consumer, ensuring trust and transparency from farm to shelf.

Key Intel-Enabled Features

- Real-Time Monitoring
- Seamless Packhouse Integration
- Optimized Processing
- Live AI Fruit Detection

Powered by Intel® Core™ Ultra processors and optimized with OpenVINO™ toolkit, DiMuto's DACKY delivers:

- Real-time AI image analysis for instant fruit defect detection
- High-speed processing of carton scanning and photo capture powered by Intel compute
- Advanced computer vision, optimized for high performance with lower energy use
- Built for the packhouse to easily integrate into existing packaging operations

Intel Products and Technologies

- Intel® Core™ Ultra Processors
- OpenVINO™ toolkit

Ordering Guidance:
- Contact Sales

Country/Geo: Worldwide

Verticals: Agriculture, Retail, Transportation

Use Cases: Commercial /Enterprise AI Software, Logistics & Tracking, Situational Monitoring

AI Workload: Computer Vision

Learn More:
- DiMuto Website