

The innovative machine vision solution for flow-wrapping machines

With our new **AIT Pack, Track & Check machine vision solution**, we optimize packaging processes to a new level. Particularly suitable for **flow-wrapping systems with up to 20 parallel lines**, our system offers high-precision and efficient quality control for the food industry and many other sectors.

Challenges of packaging inspection

In production lines with high throughput, different products are often conveyed in parallel on several belts. The different pillow packs are inserted manually. Before the packaging is sealed, it is essential to use **automated code reading** to ensure that the right product is in the right packaging. This check minimizes returns, reduces risks for end consumers - e.g. due to incompatibilities such as nuts - and ensures maximum **safety and quality**.

Previously, this task required the use of several scanners attached to the side of the webs, which was time-consuming and only partially reliable.

Our solution: One scanner, maximum precision

The **AIT machine vision software** controls the powerful **Cognex HSSM mirror scanner**, which covers production lines up to 2 meters wide with just one device.

- **Optimum viewing angles** for precise detection.
- **Minimal light requirements:** Ambient light > 500 lux is sufficient, no external light required.
- **Quick and easy set-up**, making installation particularly user-friendly.
- **Good accessibility** to facilitate maintenance and inspection.

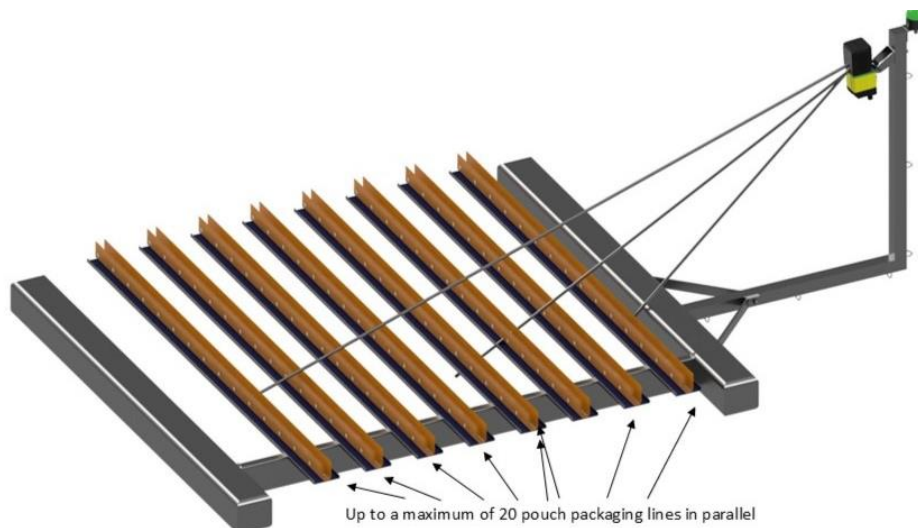


Fig.: View of AIT Pack, Track & Check machine vision solution for pillow packaging systems

Highest safety standards and quality

Our solution meets the strict requirements of **GMP-compliant design** (Good Manufacturing Practice) and offers reliable foreign body protection (**top-down foreign body avoidance**) thanks to the lateral attachment of a single scanner for the entire area. In this way, we safeguard your production and protect your end customers.

Areas of application

The **AIT Pack, Track & Check machine vision solution** is versatile and ideal for:

- **Food industry** (e.g. snacks, frozen products, ice cream bars, ready meals)
- **Confectionery** (e.g. sweets, bars)
- **Pet food** (e.g. sticks)
- **Household products** (e.g. detergent tabs)

Your advantages at a glance

- **Maximum safety** thanks to precise quality control.
- **No returns**, as errors are reliably avoided.
- **Greater efficiency** thanks to the use of single scanner for wide production lines.
- **Cost reduction** due to fewer devices and simpler set-up.

With the **AIT Pack, Track & Check machine vision solution**, you can rely on state-of-the-art technology that combines quality, safety and efficiency. Let's revolutionize your packaging processes together!

Contact us now at sales@ait.de for more information.

