SHARP®

NaViSense Baggage Size Detection

Airports

Oversized baggage at airport gates slows the boarding process and leads to traveler dissatisfaction. Sharp has been working with Computer Vision AI for over five years and based on requests from our travel partners, is introducing NaViSense Baggage Size Detection. This kiosk-based solution uses IP cameras paired with a trained Computer Vision AI program to discern between carry-on and baggage that need to be checked. The traveler is then visually alerted in real-time on the kiosk display which bags should be checked before passing through security. The goal is to provide early notice to travelers of large baggage to be checked to improve the boarding process and traveler satisfaction.

▶ Streamlines security and boarding process by encouraging early check-in of large baggage.

▶ Does not require expensive 3D cameras for detection. Utilizes IP cameras providing a cost-effective solution to leverage across multiple locations.

▶ Improves customer satisfaction by reducing friction and wait times.

▶ Brought to market by a global technology company renowned for its expertise in B2B and consumer innovation, Sharp Electronics.

NaViSense uses IP video cameras paired with a trained and very accurate Computer Vision AI program to detect baggage size and alert travelers to check oversized luggage.

NaViSense

Integrator-provided camera

NEC ME or M Series display with Raspberry PI CM4 preinstalled

Industry-Leading Tools, Made Easy

NaViSense is an easy-to-implement solution that combines computer vision, edge computing, and analytics to operationalize environmental data and drive business value, often in near-real time. NaViSense enables companies across industries to use existing camera equipment and data dashboards, making your transition to computer vision as seamless as possible.

The Unique Value of a Robust Partner Ecosystem

With the support of its partner ecosystem, NaViSense can adapt to any variety of environments and use cases. Sharp works with partners to build a business around its services, which can include installation, integration, API provisioning, and ongoing support. Unlike other "set it and forget it" solutions, you will never miss a beat with NaViSense.

Easily use JSON Data for custom dashboards

NaViSense