



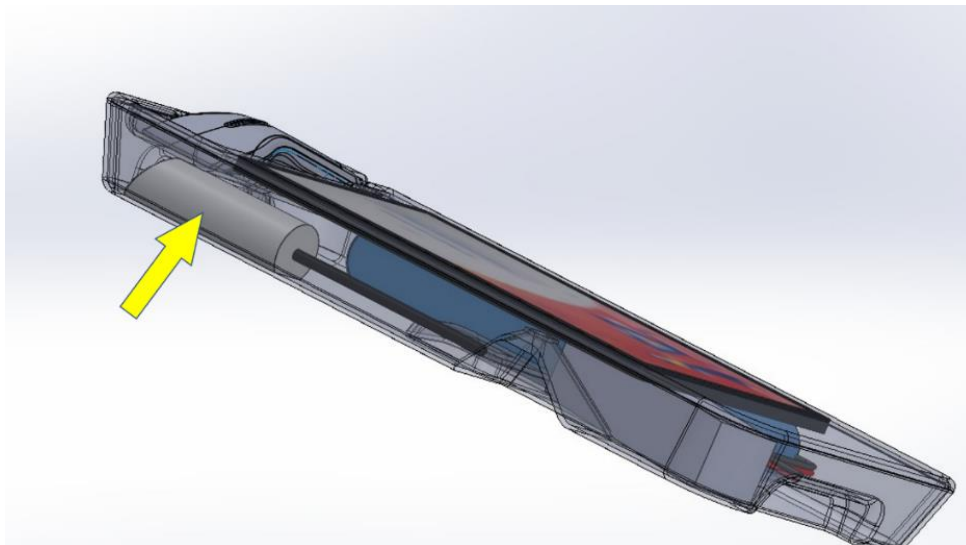
GearEye

GearEye for Anti-Theft in Retail: Enhancing Security and Efficiency

By automating mistake detection with Real-Time RFID scanning, minimizing false alarms, and enabling customizable actions, GearEye ensures a seamless shopping experience while protecting against theft and common errors.



- **Integration and Customization:** RFID readers are installed within the trolley's control unit, communicating with the Smart Cart's tablet running a client's app, via USB cable or Bluetooth. Simple SDK allows seamless integration into existing processes and algorithms.



- **RFID Tagging:** Valuable items are tagged with standard UHF RFID stickers and pre-registered by trained staff at logistic centers or client sites.



GearEye



- **Synergy:** Integrates effectively with weight sensors and camera vision, enhancing security measures.
- **Mistake Detection in Shopping Journey:** With Automatic Real-Time tracking, GearEye's algorithms automatically identify common mistakes, such as failing to scan a barcode or accidentally scanning the wrong item.
- **Zero False Positives/False Negatives:** The system focuses solely on items within the trolley, ignoring nearby items to minimize false alarms.
- **Automatic RFID Validation:** GearEye provides the flexibility to define specific actions when items enter or exit a shopping cart or trolley.
 - GearEye detects tagged items when they are placed in the trolley, ensuring accurate validation using RFID technology.
 - The system promptly detects when an item is removed from the trolley, triggering immediate alerts.
- **Theft Prevention with Alerts and Triggered Actions:** GearEye identifies discrepancies before and during self-checkout, generating alerts based on predefined rules. This immediate response enables swift intervention to prevent theft or resolve any human mistakes promptly.