

Identification Unit



The Crisplant RFID unit for baggage handling systems is the next step in the RFID product development process to minimise the number of short-shipped baggage and manual baggage handling costs.

This plug-and-play integrated RFID and barcode solution can be retrofitted into existing Crisplant baggage handling systems or be fully integrated into our latest systems, featuring the highest layout flexibility and reduced installation and commissioning time.

The RFID unit considers the high capacity baggage sortation required by international airports. The unit allows a high read rate - even when tags are placed in difficult positions. The solution also offers an improved track-and-trace technology, which can help reduce airport's lost baggage costs. In addition, the system offers

monitoring and reporting of read-rates to indicate problems before they arise, thereby helping airports to maintain a high level of service quality.

As a new and unique feature, the system and tunnel design combined with a next generation of software can define the strength and quality of each tag, a technology never seen before, that will help set standards industry-wide.

With the use of the RFID unit for baggage sortation, airports improve the effectiveness, efficiency and security in baggage operations inside the terminals. It will also contribute to improving overall customer satisfaction.

FEATURES >>

- Plug-and-play installation
- Integrated design with Crisplant equipment
- Combined ATR & RFID system
- Statistical monitoring of read rate
- Reduced number of short-shipped baggage

BENEFITS >>

- Minimum installation and commissioning time
- Increased flexibility
- Increased read-rate and higher ROI
- Optimised conditions for ensuring the highest possible readings
- Increased revenue and improved customer satisfaction

Specifications

Installation: Integrated into sorter induction

Antenna type: UHF

Tag type: G2

Tag technology: Passive R/W

Protocol: Compliant with IATA RP1740c standard

Humidity range: 0-95% non condensing

Capacity: Up to 3000 bags/hour

Spacing: 400 mm

Read rates*: Bar code >98%. RFID: >98%. Hybrid: >99.5%

*Statistical values based on controlled site acceptance test.

