



# **Realkey**

## **RFID identification system**

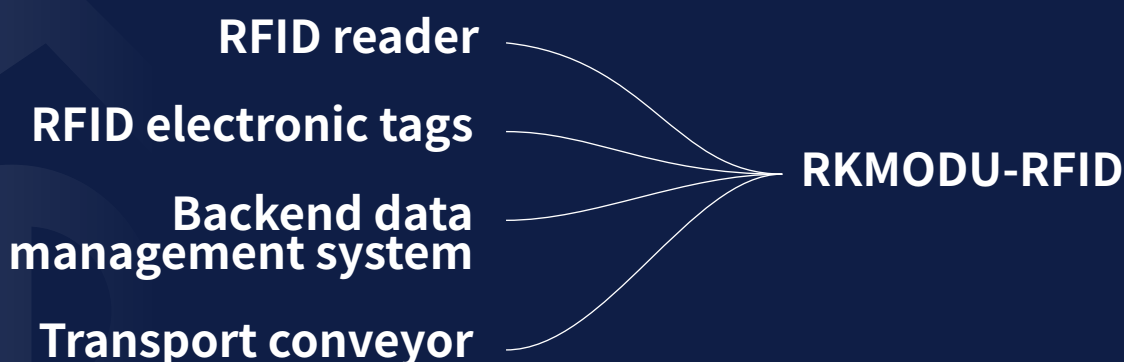
### **RKMODU-RFID**

*Efficient contactless RFID item tracking.*

# Product Overview

## RKMODU-RFID

The Realkey RFID identification system (RKMODU-RFID) is an automatic identification system based on wireless radio frequency communication technology, capable of contactlessly reading RFID tag information attached to items.



It is widely used in the field of automatic sorting and information identification for high-value items such as express collected packages and clothing. With its fast, contactless scanning features, RFID technology greatly enhances the efficiency and accuracy of logistics information processing.

# Equipment Features

## 01 Contactless Reading

Capable of reading through non-metallic substances without direct line-of-sight contact, adapting to various complex environments.

## 02 Batch Reading

Can quickly read multiple tags at the same time, significantly improving work efficiency.

## 03 Large Data Capacity

Compared to traditional barcodes, RFID tags can store more information, supporting more diverse data management needs.

## 04 High Durability



Waterproof, anti-magnetic, and heat-resistant, suitable for long-term use in harsh environments.

## 05 Strong Security



5.Supports encryption technology to protect data from being illegally read or tampered with, ensuring information security.



# Technical Parameters

| Model                         | RKMODU-RFID          |
|-------------------------------|----------------------|
| Conveyor Belt Effective Width | 1200 mm              |
| Conveyor Belt Speed           | 1.5 m/s              |
| Recognition Rate              | Not less than 99%    |
| Cross Read Rate               | Not more than 0.01%  |
| Package Spacing               | Not less than 300 mm |
| Package Height                | Not more than 800 mm |



# Company Profile

Qingdao Realkey Machinery Co., Ltd  
Intelligent Logistics Sorting & Conveying Systems Expert  
National High-Tech Enterprise

## Core Strengths

- Proprietary high-speed sorting systems: 30,000 pcs/h throughput
- AI-powered sorting accuracy: 99.9%+ reliability
- Industry-adaptive solutions: Customized for 20+ sectors including e-commerce, express logistics, and manufacturing.

## Your Pain Points Solved

- Low sorting efficiency • Error-prone operations
- Space constraints • Rising labor costs

## Global Impact

20+ countries served | 1000+ successful deployments  
Trusted by industry leaders: SF Express, JD.com, China Post.

Empower your logistics evolution with intelligent solutions  
Where cost reduction meets operational excellence

**19+**

Founded in 2007

**100+**

Professional R&D  
personnel

**12000+** m<sup>2</sup>

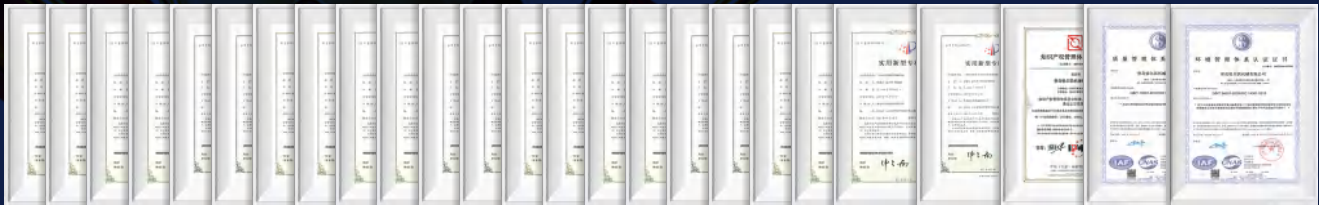
Factory space

**20000+** m<sup>2</sup>

Land area

# Certifications & Recognitions

- ISO9001 Quality Management System Certification
- ISO14001 Environmental Management System Certification
- National High-Tech Enterprise
- Intellectual Property Management System Certification
- Qingdao "Specialized, Refined, Unique, Innovative" Enterprise
- Qingdao Technology-Based Small and Medium Enterprise
- Qingdao Intelligent Parcel Sorting Technology Innovation Center



# RKSORT- Product Series



## TTS

Tilt Tray Sorter

## STS

Split Tray Sorter

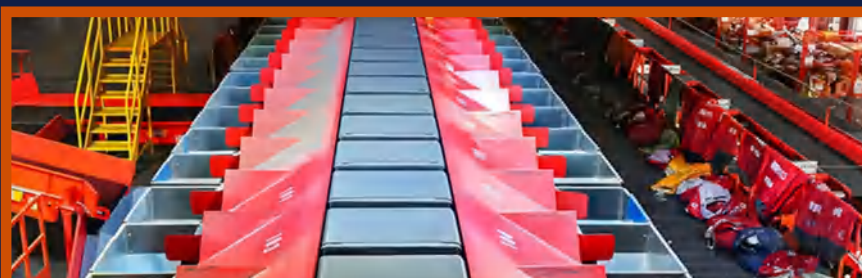


## SWS

Swivel Wheel Sorter

## CBS

Cross Belt Sorter

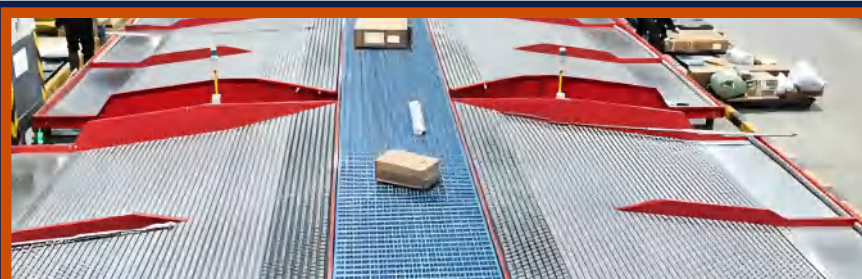


## NBS

Narrow Belt Sorter

## MBS

Modular Belt Sorter





**Excellent Quality  
Service First  
Creating Success  
Together with You**

**Realkey Machinery Qingdao Co., Ltd**

 **+86-532-82499066**

 **info@rksort.com**

 **111 Changping Road, Jiangshan Town,  
Laixi, Qingdao, Shandong, China**

 **<https://www.rksort.com>**