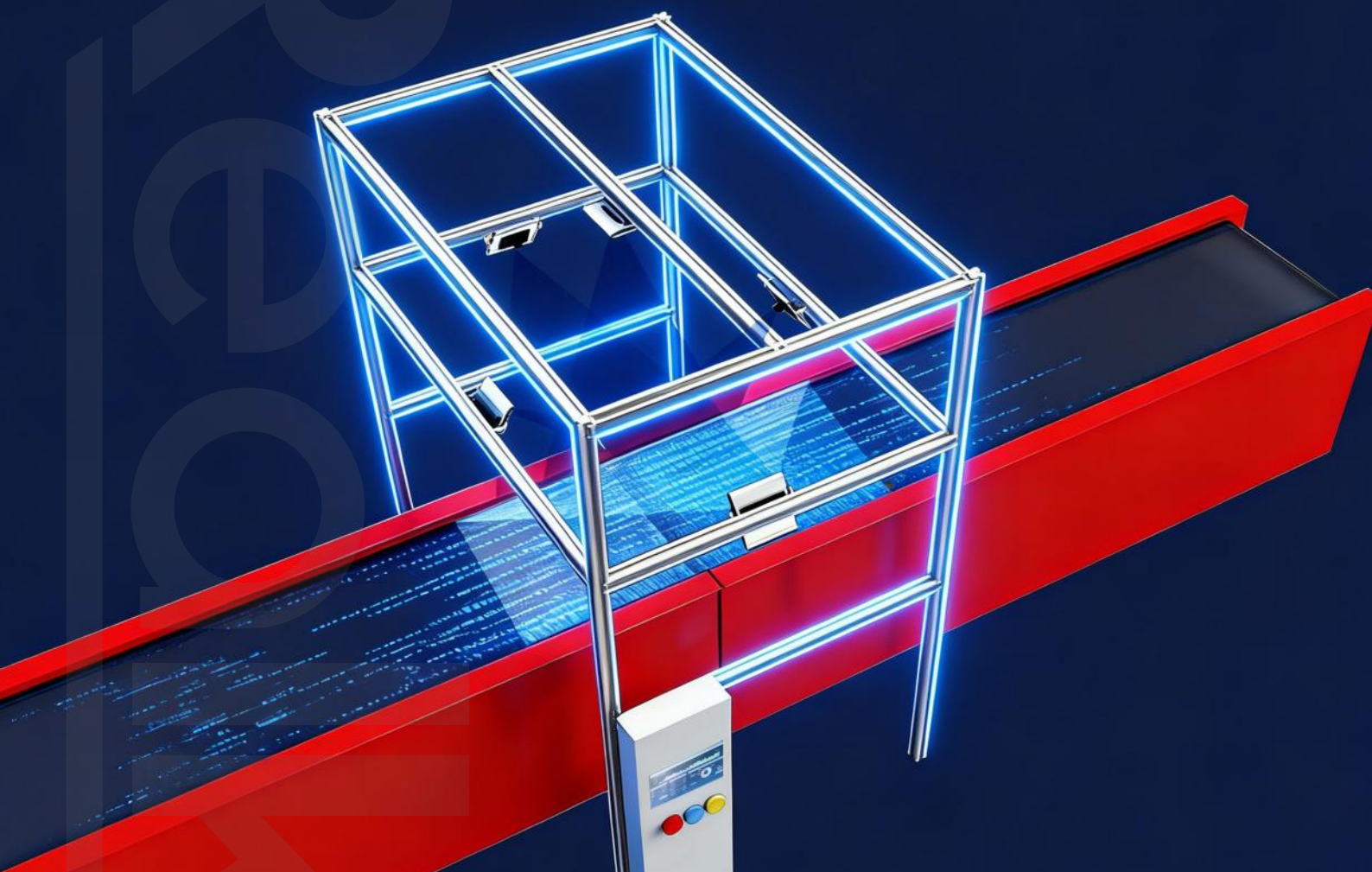




Realkey

Six Sides scanning and identification system

RKMODU-6SCN



Six-sided, automated, multifunctional logistics scanning system.

Product Overview

RKMODU-6SCN

The Six Sides scanning and identification system (RKMODU-6SCN) is an advanced automated recognition technology device, specifically designed for the comprehensive scanning and information retrieval of all six sides of an object quickly and accurately.

high-precision image capture

3D imaging

barcode recognition

OCR text recognition

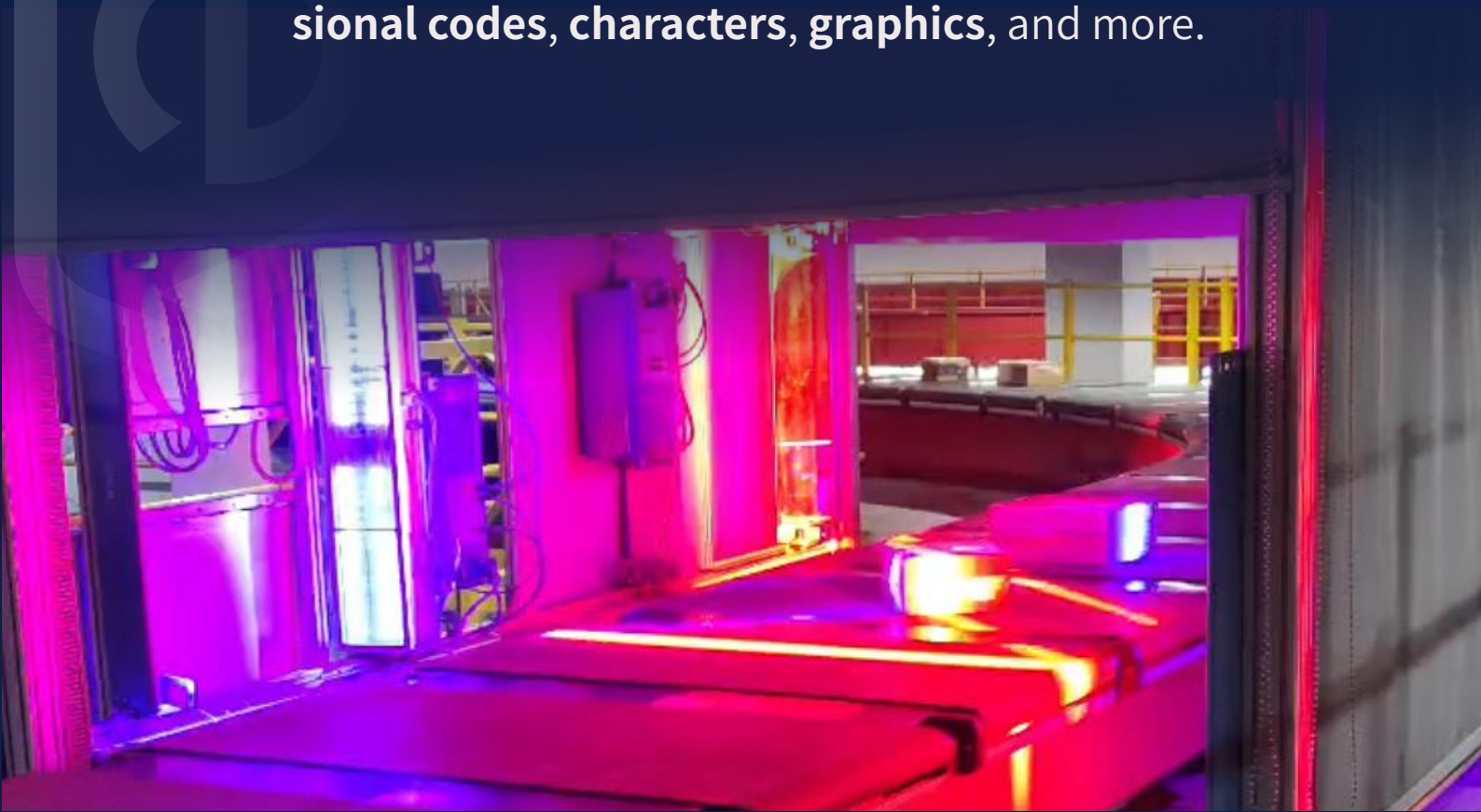
RKMODU-6SCN



4000 pcs/h

The RKM0DU-6SCN finds wide application in scenarios such as e-commerce logistics, express sorting centers, warehouse management, and manufacturing automation production lines, significantly enhancing the efficiency and accuracy of item handling.

It can automatically capture and parse all visible information on logistics units such as packages, boxes, and pallets, including **one-dimensional codes, two-dimensional codes, characters, graphics**, and more.



Equipment Features

01 Comprehensive Scanning ↙

360° Covers the surface of objects from all angles, ensuring that information from every side is accurately captured with no blind spots.

02 High-Speed Recognition ↙

Utilizes high-performance image processing algorithms to achieve millisecond-level information retrieval, suitable for high-speed pipeline operations.

03 High-Precision Recognition ↙

Integrates high-resolution cameras with depth perception technology, enabling accurate reading even in situations where barcodes are damaged, skewed, or blurred.

04 Multi-functional Integration ↙

Supports not only barcode recognition but also identification of text, patterns, and other diverse information, meeting complex recognition requirements.

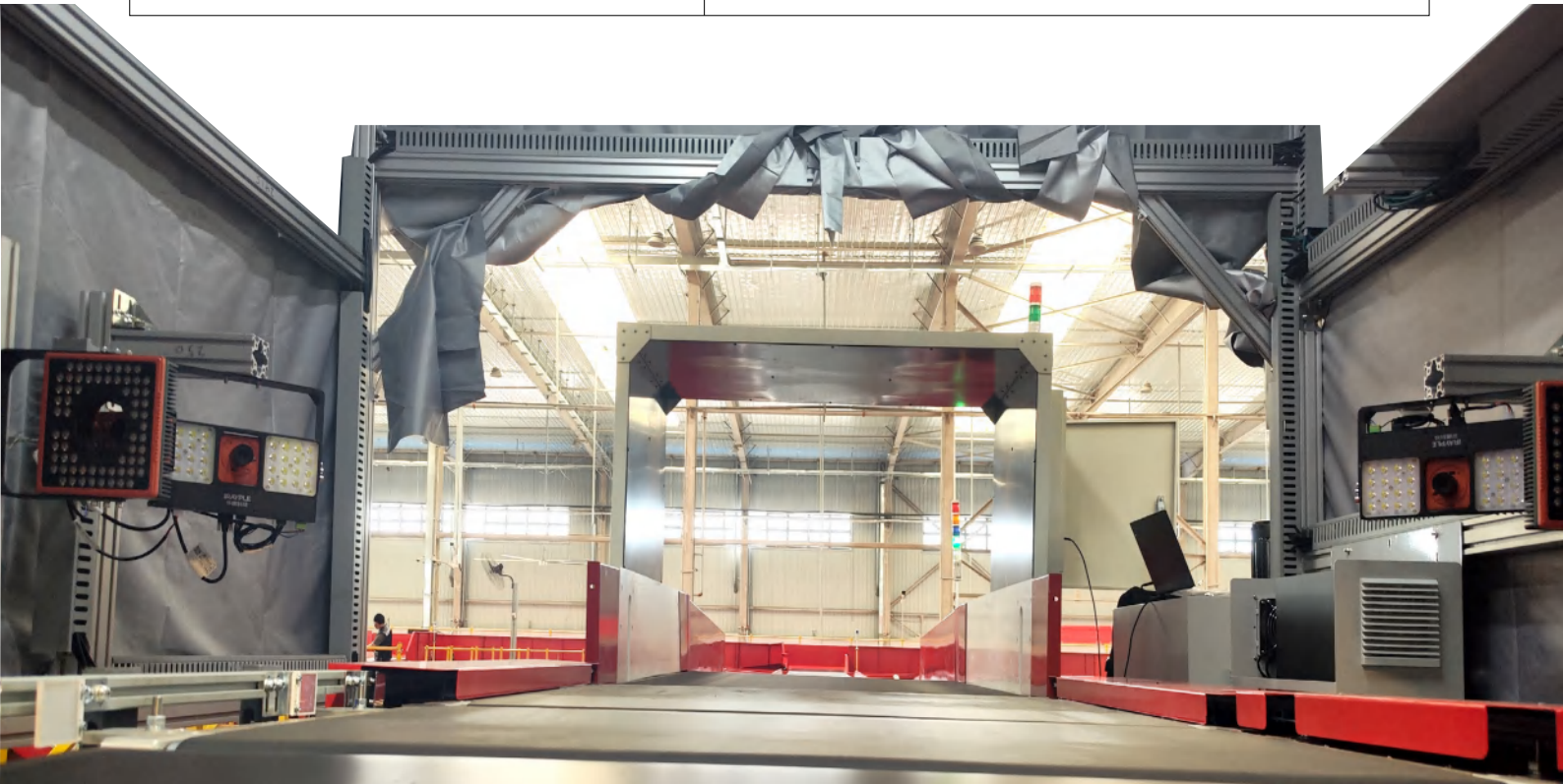
05 Intelligent Adaptation ↙

Automatically adjusts lighting intensity and imaging parameters to accommodate scanning requirements for objects of different materials and colors, reducing error rates.



Technical Parameters

Model	RKMODU-6SCN-4K
Package Spacing	>600mm
Processing Capacity	4000p/h
Depth of Field Requirement	700mm
Conveyor Belt Width	1000/1200mm
Scannable Item Dimensions	MAX: 1000X700X700mm MIN: 150X150X30mm
Barcode Reading Rate	>99%



Product Application

Logistics Centers:

Used for rapid identification and sorting of large quantities of packages and goods, enhancing logistics processing speed.

Postal Systems:

Employed for automatic recognition of information on letters and courier packages, improving sorting efficiency.

Library Management:

Utilized for rapid storage, borrowing, and return management of books in libraries.

Retail Industry:

In supermarkets or malls, used for swift scanning of goods, improving checkout speed and accuracy.

Manufacturing:

Applied on production lines for quality tracking and information recording of products.

Product Advantages

01

High Efficiency

Rapid processing of large volumes of information collection significantly reduces manual intervention, improving overall operational efficiency.

02

High Accuracy

Utilizes high-precision image recognition technology, reducing the likelihood of recognition errors and enhancing the accuracy of data processing.

03

Ease of Integration

System design considers integration with WMS and other management systems and automation equipment, facilitating the construction of complete automation solutions.

Product Advantages

04

User-Friendly

Intuitive operating interface that is easy to learn and use, reducing training time for operators.

05

Energy Conservation and Environmental Protection

Adopts energy-saving design, reducing energy consumption, and aligning with modern industrial environmental requirements.

06

Reliability

With 19 years of experience in logistics conveyance and automated sorting, Realkey has a unique advantage in helping customers develop sorting solutions. Our products are known for their durability and reliability. We are the partner you can trust.

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+ m²

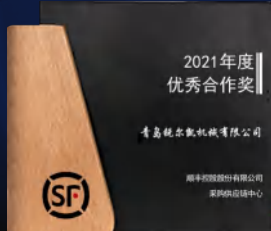
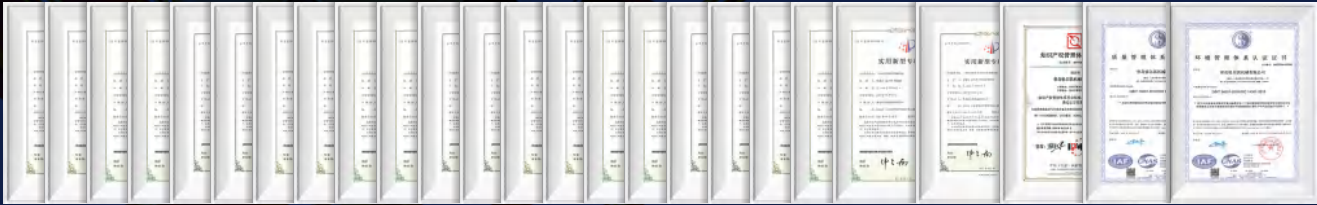
Factory space

20000+ m²

Land area

Certifications & Recognitions

- CE Certification (Approved)
- 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 Intelligent Parcel Sorting Technology Innovation Center



RKSORT- Product Series



TTS

Tilt Tray Sorter

STS

Split Tray Sorter

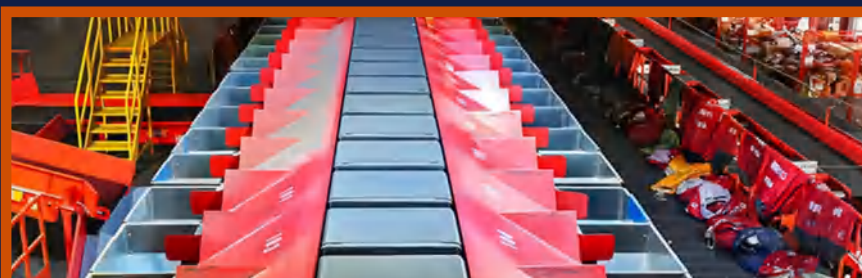


SWS

Swivel Wheel Sorter

CBS

Cross Belt Sorter

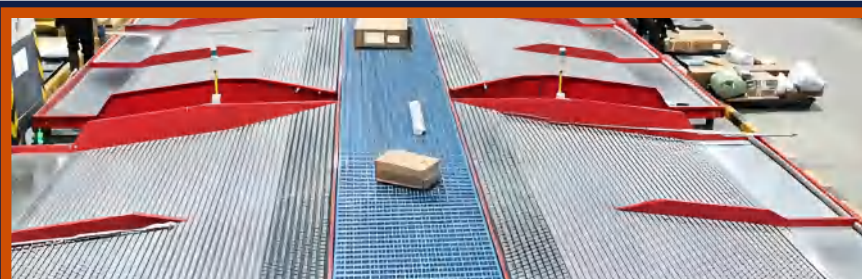


NBS

Narrow Belt Sorter

MBS

Modular Belt Sorter





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

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