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WE GROW TOGETHER!

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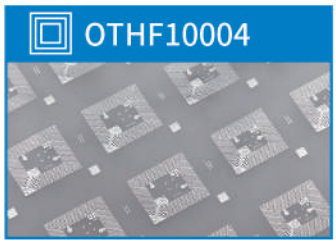
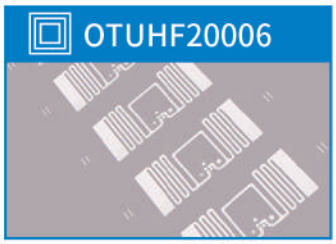
RFID

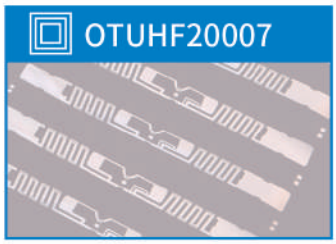
PRODUCT SERIES

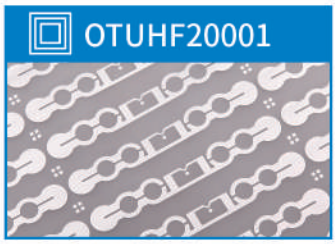
01 HF ETCHED ANTENNA

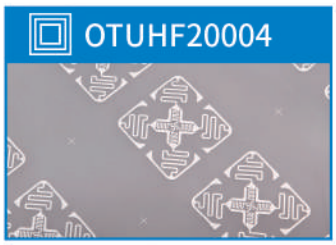


02 UHF ETCHED ANTENNA





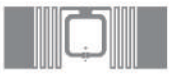
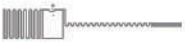




UHF series	Material specifications	Name	Thickness	Width	Effective width	Delivery width	
		AL	10um	310/350/470	290/330/450	Single row (12mm) or multiple rows	
		PET	38um/50um	320/360/480	290/330/450	Single row (12mm) or multiple rows	
	Antenna parameters	Antenna technology	Minimum line width	Minimum line spacing	Frequency	Support chip	Instantaneous temperature
		Roll to Aluminum Etching	0.2	0.15	860-960MHZ	Roll to Aluminum Etching	10s 180°C

HF series	Material specifications	Name	Thickness	Width	Effective width	Delivery width	
		AL	10um/30um	310/350/470	290/330/450	单排(12毫米)或者多排	
		PET	38um	320/360/480	290/330/450	单排(12毫米)或者多排	
	Antenna parameters	Antenna technology	Minimum line width	Minimum line spacing	Frequency	Support chip	Instantaneous temperature
		Roll to Aluminum Etching	0.2	0.15	13.56MHZ	Roll to Aluminum Etching	10s 180°C

03 ADHESIVE LABEL

Model	Antenna	Picture	Size	Chip
OR1126			50*30mm	NXP Ucode 7
OR1149			50*50mm	Impinj Monza 4QT
OR1154			54*34mm	NXP Ucode 7
OR1108			17*105.5mm	Impinj Monza R5
OR1601			60*21mm	Impinj Monza R6p

04 TAG LABEL

Model	Antenna	Picture	Size	Chip
OR1201			100*50mm	NXP Ucode 7
OR1204			110*55mm	NXP Ucode 7
OR1207			95*55mm	Impinj Monza R6p
OR1208			98*50mm	Impinj Monza R6p

05 WASHABLE LABEL

Model	Antenna	Picture	Size	Chip
OR1310			70*41mm	Impinj Monza R6p
OR1311			96*55mm	Impinj Monza R6p

06 WASHABLE LABEL

Picture	Model	Name	Size	Chip
	**OR1303**	Washing label	70*15mm	NXP Ucode 7
	**OR1304**	Washing label	70*15mm	NXP Ucode 7
	**OR1305**	Washing label	58*15mm	Impinj Monza R6p
	**OR1314**	Washing label	75*15mm	Impinj Monza R6p

07 SPECIAL TAG

Picture	Model	Name	Size	Chip
	**OR1501**	Dual frequency label	73*26.5*20mm	Impinj Monza R6
	**OR1502**	Dual frequency label	61*28*21mm	Impinj Monza R6
	**OR1503**	Dual frequency label	30.5*72.5*19.1mm	Impinj Monza R6
	**RD30009**	Nail tags	Φ40*21.5mm	Impinj Monza R6
	**OR1401**	Lock tag	48*180*6mm	Alien H3
	**OR1403**	Lock tongue label	99.5*21.3mm	Impinj Monza R6p
	**OR1407**	Tie label	378*28*8mm	Alien H3

OR2127 RFID Desk Top Reader

PROJECT PARAMETERS

RFID module: Impinj R2000
RFID UHF output power: 5～30dBm adjustable
RFID UHF antenna: Integrated circular polarization antenna
Card reading sensitivity: Reading distance of 5 meters (related to label performance)
Card reading speed: 2000 times per minute for single label, 500 sheets per second for multiple labels
Processor: ARM CORTEX M4 168M frequency
User interface: colored led lights, buzzer
Appearance size: 365*325*70mm
Data interface: Wired interface: 100M Ethernet, USB serial port, switch output, signal input
Optional accessories: Wireless interface: Bluetooth 4.0/2.0 module

OR2103 RFID Desk Top Reader

PROJECT PARAMETERS

RFID UHF output power: 18.5~26dBm, step 1.5dBm
RFID UHF antenna: PRJ1130, gain 3dBi
Polarization method: circular polarization
Features: Close reading without blind spots, not easy to misread
RFID module: R500
Appearance size: 297*210*13.5mm
Reading efficiency: 30 tags/sec
Power supply: USB power supply
Data interface: mini usb data cable t-type port
Working mode: Free drive mode: simulate keyboard message output data
Command mode: can switch functions arbitrarily

OR2505 ONTIME Hand-held Reader

PROJECT PARAMETERS

BASIC PARAMETERS
Storage capacity: up to 2200 chip data can be stored
Size: 443*153*38mm
Communication protocol: Bluetooth protocol BT4.0-2.0
Endurance: 6 hours of continuous inventory
Battery: 3.7V lithium battery 6400mAh
User interface: dual-color OLED screen display; buzzer function; 3 LED indicators; 3 physical buttons;

RFID PARAMETERS
Output power: 5-30dBm **RFID recognition distance:** up to 20m
RF reader chip: Impinj R2000

BARCODE PARAMETERS
Scanning method: image type, CCD Sensor **Scanning speed:** 1ms
Reading accuracy: one-dimensional≥5mil

OR2458 RFID Smart Asset Cabinet

PROJECT PARAMETERS

Machine size: main cabinet 520*470*1920mm; auxiliary cabinet 675*470*1920mm
Clothing storage status: single piece folded
Authorization recognition: swiping card recognition
Clothing category: no requirement
Number of cells: 40
Clothes distribution time: 2-3 seconds
Operation interface: 15.6-inch capacitive touch screen
Screen ratio: 4:3
Operating system: Android
Optional module: thermal printer

OR2459 RFID Smart Recycling Cabinet

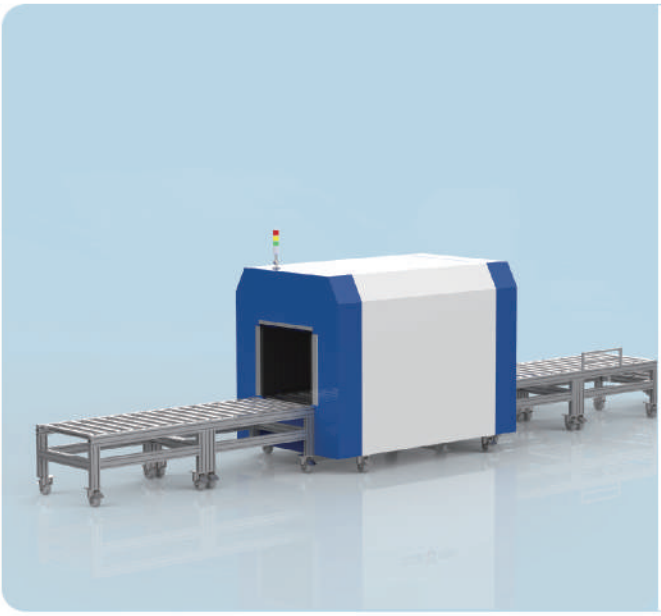
PROJECT PARAMETERS

Machine size: 900*800*1600mm
Clothing storage status: Randomly placed
Authorization recognition: RFID tag recognition, credit card recognition
Clothing category: no requirement
Number of grids: within 100 pieces
Clothing recycling time: 5-10 seconds
Operation interface: 15.6-inch capacitive touch screen
screen ratio: 4:3
Operating system: Android
Optional module: thermal printer

OR2463 Intelligent inventory filing cabinet

PROJECT PARAMETERS

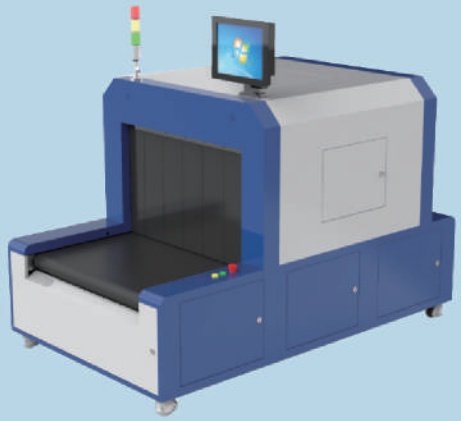
Appearance size: 1962*1330*470mm
RF chip: Impinj R2000, four-channel module
Air interface protocol: ISO 18000-6C/EPC C1G2, ISO 18000-6B, GB/T29768-2013 (expandable support)
Features: Support intensive reading and writing, multi-tag recognition, support tag data filtering,Support RSSI: perceivable signal strength
Display screen: 15.6-inch Android screen
Communication interface: network TCP/IP)
Scan code recognition: Support one-dimensional/two-dimensional code recognition (optional)
Operating frequency: GB, 920-925MHz, 840-845MHz; FCC, 902-928MHz; ETSI, 865-868MHz; JP, 916-920MHz
Batch identification labels: within 300 sheets
Antenna gain: 9dBic



OR2401 RFID Tunnel Machine

PROJECT PARAMETERS

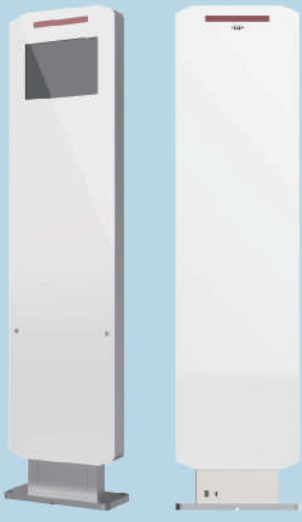
Size: 5000*1800*1300mm, 520kg
RFID UHF antenna: Circular polarization antenna
User interface: three-color alarm indicator; 17-inch capacitive touch screen
Communication method: network port, serial port (RS232/RS485), USB
Maximum load: 60kg
Tag recognition rate: 99.99%
Unpacking rate: as low as 1%
Conveying speed: 0.2m/s-0.5m/s
Material quality: steel plate and steel frame
Others: Modular custom design, on-demand sorting function



OR2457 RFID Tunnel Machine

PROJECT PARAMETERS

Size: 2000*1200*1300MM
Weight: 150kg
Material quality: steel plate and steel frame
Working frequency: EISI (EU) 865.6-867.6MHZ; FCC (NA, SA) 902-928MHZ;SRRC-MII(China)920-925MHZ
RFID UHF antenna: Circular polarization antenna
User interface: three-color alarm indicator; 17-inch capacitive touch screen
Communication method: network port, serial port (RS232/RS485), USB
Maximum load: 10kg
Conveying speed: 0.2m/s-0.5m/s
Working temperature: -10°C/50°C



OR2460 RFID Door Reader

PROJECT PARAMETERS

RFID module: Impinj R2000
Polarization method: linear polarization
Output power: 5～30dBm **Operating system:** Linux system
Frequency hopping mode: work in a wide-spectrum frequency hopping (FHSS) or fixed frequency transmission mode
RFID reading speed: peak tag inquiry speed >700 sheets/sec
Tag cache: 1000 tags @ 96bit EPC
Antenna automatic detection: support
RSSI strength detection: support
Working mode: master-slave mode/trigger mode/stand-alone mode
Alarm mode: color led light, buzzer (sound and light alarm)
Size: 1500*370*160mm

SCM SUPPLY CHAIN MANAGEMENT SYSTEM

Pain points: Traditional supply chain management is time-consuming and labor-intensive, manual data entry is inaccurate, and data sharing cannot be transmitted in real time

Advantages: Use RFID technology to quickly and accurately identify RFID tags; real-time data transmission and sharing of various processes, more transparent; effectively improve the speed and accuracy of each operation link in the supply chain.

Middleware

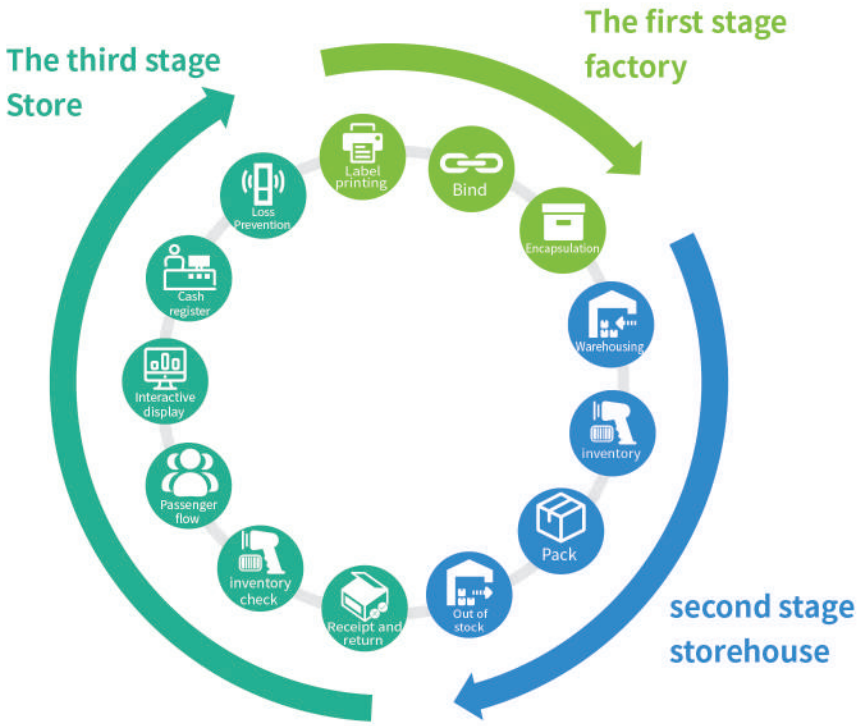
Docking the customer business system and RFID terminal (client + device) as a bridge for business data communication between the two

Highly Compatible

For different business systems, provide a variety of data docking solutions, compatible with more supplier systems

Data Platform

Effectively integrate business data and quickly and accurately output customized reports



FUNCTION OVERVIEW

System functions

organization
User
Role
Function permissions
data permission
System parameters
globalization
Interface authorization

Basic information

Product Information
Commodity classification management
Commodity custom attributes
Color code management
Commodity media
Products Featured
product review
supplier
customer

Binding management

Printing software
Bundled software

Label printing

Print sheet
Print template
Label selection settings

Inventory information

Inventory documents
Inventory result statistics
Profit and loss
Adjust inventory

Inventory management

Beginning inventory
Commodity storage
Merchandise return
Out of stock
Sales returns
Store distribution
Store returns

Statistical Analysis

in stock
Purchase
Distribution
Sales
Inventory details
Interact
Try shoes rate
Fitting rate
Mirror
Touch rate
Magic mirror
Passenger flow data

Client function

Label printing
In and out of warehouse
Receipt and return
Inventory
Self-checkout
Anti-theft alarm
Interactive display
Anti-smuggling
Cursor output

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MAM ASSET MANAGEMENT SYSTEM

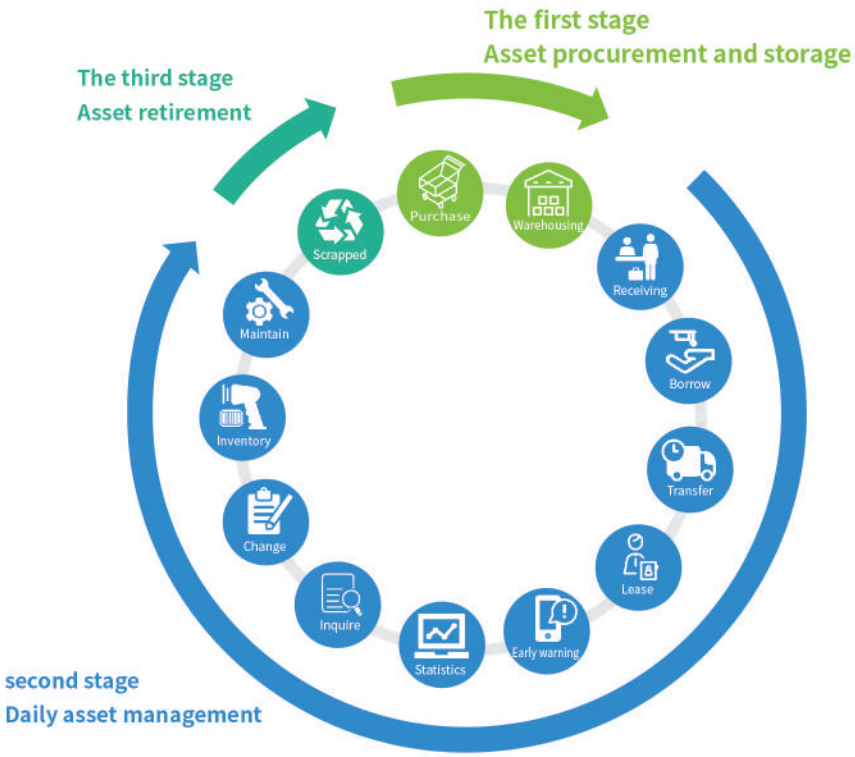
Pain points: Traditional asset management costs are high, accounts are inconsistent, and efficiency is low

Advantages: Efficient management, reshaping the connection between assets and users; multi-platform coverage and data interoperability; efficient and accurate RFID inventory; digital full life cycle management.

80%
Raise Inventory Efficiency

36%
Raise Asset Utilization Rate

78%
Raise Asset Management Efficiency



FUNCTION OVERVIEW

Asset storage

Purchase storage
Inventory surplus
Transfer into the warehouse

Asset delivery

Departmental Requisition
Employee Requisition
Transfer out of the library
Borrow out
Lease out
Out of stock

Asset inventory

Department return
Employee return
Loan back
Lease return

Asset query

Idle inventory
Employee assets
Departmental assets
Resume assets
asset types

property assessment

inventory check
Department inventory
Employee inventory

Asset disposal

Physical maintenance
Physical change
Scrap processing
Asset exchange

Asset warning

Inventory warning
Inbound warning
Scrap warning
Maintenance warning
Diversion warning

Asset analysis

Outgoing amount/inventory amount
Incoming amount/retirement amount
Percentage of assets
Percentage of asset value
Turnover rate ranking
Proportion of idle assets
Proportion of fixed assets

Asset-only

Department dedicated
Location-specific

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Founded in 1994, Hangzhou Ontime I.T. Co., Ltd. is a leading global solution provider for commercial loss prevention, RFID scenario-based applications, RFID etching antennas, and smart digital retail. As of 2019, the company has developed more than 2,000 products and obtained more than 80 software copyrights and more than 100 patents at home and abroad. Our products are in compliance with ISO9001, ISO14001, CE standards and ROHS, REACH, PSE and other certifications.

Among them, the RFID business department focuses on RFID product output as the main development route, is equipped with experienced product, sales and development teams, has excellent software and hardware development capabilities to deal with different types of application scenarios, and is committed to providing customers with standardized, Diversified series of products and one-stop service.

WeChat public account

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