FINEJOIN SMART

Join IoT for a Finer Future

Leveraging 20 years of combined excellence, FineJoin ensures superior product quality and reliability, empowering industries worldwide with smart, efficient RFID products and solutions for the benefit of our clients.

About FineJoin

Shanghai FineJoin Smart Technology Co., Ltd. is a joint venture established by Shanghai eStar Microelectronics Technology Co., Ltd., a 20 years expert in RFID specialty tags, and Shanghai Fine Electronics Technology Co., Ltd., a leader in RFID terminals, handheld devices, industrial readers and gateways. Specializing in the R&D, production, and sales of industrial-grade RFID terminals and tags, we deliver cutting-edge Industrial IoT products & solutions to global markets.

20,000m² Factory Area

8 Automated Tag Production Lines

100,000 Units Daily Tag Output

5000 Units Daily Reader/PDA Output

200 R&D Personnel

300 Employees

70 Patent Right

3000 Factory Customer

Business Units

Intelligent Manufacturing

Products: Industrial RFID Readers & Tags

Key Functions:
Automated data collection
Real-time process monitoring
Optimized resource allocation

Key Benefit:
Efficiency & transparency
Traceability
Digital transformation of manufacturing

Warehousing & Logistics

Products: IND RFID Readers, PDA, Gate Tunnel, Tags

Key Functions:
Auto ID & bulk scanning
Real-time visibility
Automated verification

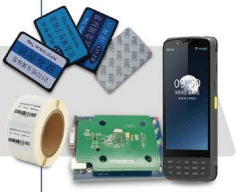
Key Benefit:
Cost and efficiency boost
Precision and traceability
Flexibility and compatibility
Future scalability

Asset Patrol Inspection

Products: Industrial RFID Readers, PDA, Tag Printer, Tags

Key Functions:
Auto ID & data capture
Real-time status update & synchronization
Exception alerts & error-proofing
Full life-cycle data traceability

Key Benefit:
Improved inspection efficiency
Ensures high data accuracy
Enables visual asset management
Optimizes costs & aids decision-making



Anti-Counterfeiting & Traceability

Products: IND RFID R/W Module, PDA, Tags

Key Functions:
Unique digital identity for each item
Automated data capture & recording across the lifecycle
Transparent verification for multiple stakeholders

Key Benefit:
Anti-counterfeiting
Enhanced regulatory efficiency
Increased consumer trust
Optimized supply chain

Production Equipment

Injection Molding Machine MA 1600

1 units Injection molding machine MA 1600 III,
2 units Injection molding machine MA 1600 5 Series
Totally 3 units electronic assembly line and 3 units laminating machine.

Electronic Assembly Line

Production Equipment

Laminating Machine

Ultrasonic Stamping Equip.

Reliability Test Equipment

Spectrum Analyzer

Communication Inspection Equipment

Barcode Testing

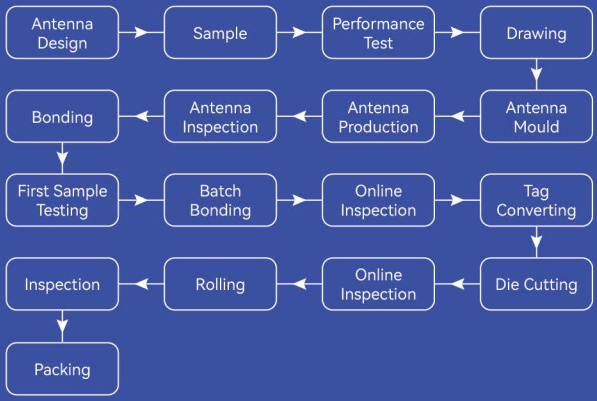
Fixture

Customized Service

Procedure	Time Required	Outcome
Customer Requirements Confirmation	-	Review Specific Requirements
Project Evaluation & Quotation	2 business days	Solutions Feasibility Assessments & Confirmatory Drawings (if required)
Contract Signing	-	Sign Contract in According with Requirements
Antenna Design	3 business days	Design Drawings for Confirmation
Engineering Design	3 business days	Engineering Drawings for Confirmation
Sample Production	3 business days	Manual Sample for Confirmation
Mould Manufacturing	Antenna Mould: 3 weeks Plastic Housing Mould: 30 days	Moulding Sample
Small Batch Production	7-10 business days	Deliver Small Batch Samples
Mass Production Lead Time	Confirmed Based on Order Details	On-Time Delivery

Quality Control

FINEJOIN Smart implements rigorous inspection and testing procedures throughout the entire production process, ensuring the delivery of high-quality products to customers.



Intelligent Manufacturing

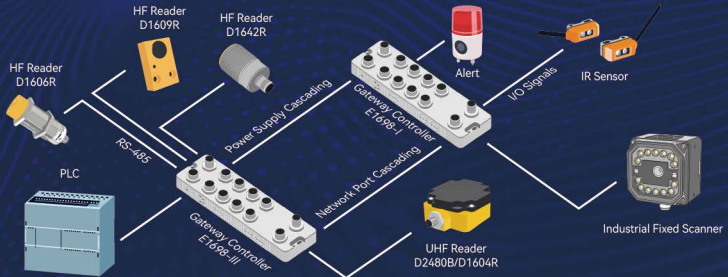
Intelligent Manufacturing not only emphasizes the automation and informatization of the production process, but also focuses on achieving full-process real-time perception, dynamic control, and resource optimization through technologies such as the Internet of Things (IoT), RFID, and intelligent terminals, thereby constructing an efficient, transparent, and traceable modern production system.

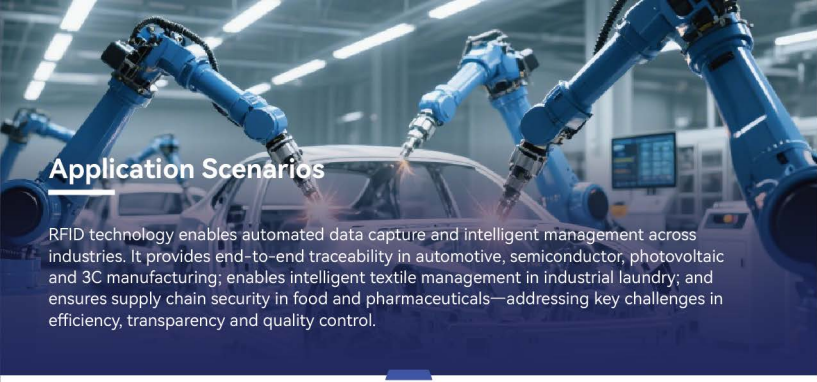
Achieve full-process visualization
Break down information silos
Support dynamic regulation and control

Reduce costs and errors
Strengthen quality control and management

Enhance production line flexibility
Accelerate market response

SYSTEM TOPOLOGY DIAGRAM





Application Scenarios

RFID technology enables automated data capture and intelligent management across industries. It provides end-to-end traceability in automotive, semiconductor, photovoltaic and 3C manufacturing; enables intelligent textile management in industrial laundry; and ensures supply chain security in food and pharmaceuticals—addressing key challenges in efficiency, transparency and quality control.

AUTOMOTIVE INDUSTRY

SEMICONDUCTOR INDUSTRY

PHOTOVOLTAIC INDUSTRY

3C MANUFACTURING INDUSTRY

INDUSTRIAL LAUNDRY INDUSTRY

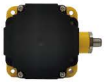
FOOD & PHARMACEUTICAL INDUSTRY

STRATEGIC PARTNERS

BYD · LAND ROVER · Volkswagen · SCHAEFFLER · CanadianSolar · 通威股份 TONGWEI CO., LTD.

FORVIA faurecia · TCL · Whirlpool · WORLD INTERNATIONAL · 中粮 COFCO · Coca-Cola · LONGi

Industrial RFID Reader



MODEL	FN D1604R	FN D1604	FN D1604T	FN D1604P	FN D1606R	FN D1606	FN D1606T
INTERNATIONAL STANDARD	ISO15693, ISO18000-3						
FREQUENCY BAND	13.56 MHz						
CHIP	NXP ICODE-SLIX2/SLIX, FUJISUMB89R118C, MB89R112A/B, ST LR12K/16K/64K etc.						
READ/WRITE DISTANCE	0-12 cm	0-12 cm	0-12 cm	0-12 cm	0-6 cm	0-6 cm	0-6 cm
COMMUNICATION PROTOCOL	RS-485	Modbus RTU	Modbus TCP	Profinet	RS-485	Modbus RTU	Modbus TCP
DATA TRANSFER RATE	Max. 115200 bps	Max. 115200 bps	10-100 Mbps adaptive	10-100 Mbps adaptive	Max. 115200 bps	Max. 115200 bps	10-100 Mbps adaptive
WORKING VOLTAGE	DC 9-24V	DC 9-24V	DC 9-24V optional PoE	DC 9-24V optional PoE	DC 9-24V	DC 9-24V	DC 9-24V optional PoE
DIMENSION	80x80x40.5mm	80x80x40.5mm	80x80x40.5mm	80x80x40.5mm	D30x88mm	D30x88mm	D30x88mm
PHYSICAL INTERFACE	M12 5-pin	M12 5-pin	M12 8-pin	M12 8-pin	M12 5-pin	M12 5-pin	M12 8-pin
INDICATOR	2 LED lights	2 LED lights	2 LED lights	2 LED lights	1 bicolor light	1 bicolor light	1 bicolor light
HOUSING MATERIAL	ABS	ABS	ABS	ABS	Nickel-plated brass	Nickel-plated brass	Nickel-plated brass
FIXING METHOD	Fixed with 2 M5.5 screws	Fixed with 2 M5.5 screws	Fixed with 2 M5.5 screws	Fixed with 2 M5.5 screws	Fixed with 2 M30x1.0 nuts	Fixed with 2 M30x1.0 nuts	Fixed with 2 M30x1.0 nuts
OPERATING TEMPERATURE	-10℃ to +60℃						
STORAGE TEMPERATURE	-25℃ to +85℃						
IP RATING	IP67						

Industrial RFID Reader




MODEL	FN D1646T recessed	FN D1642R recessed	FN D1609R	FN D1609	D1338T	D1621	D2480B	D2480T
INTERNATIONAL STANDARD	ISO15693, ISO18000-3						ISO 18000-6C	ISO 18000-6C
FREQUENCY BAND	13.56 MHz						902-928 MHz	902-928 MHz
CHIP	NXP ICODE-SLIX2/SLIX, FUJISUMB89R118C, MB89R112A/B, ST LR12K/16K/64K etc.						NXP UCODE9/8, ALIEN H3/H9, IMPINJ M4QT/MR6P/M730 etc.	
READ/WRITE DISTANCE	0-4 cm	0-4 cm	0-6 cm	0-6 cm	0-7 cm	0-3 cm	0-100 cm	0-100 cm
COMMUNICATION PROTOCOL	RS-485	RS-485	RS-485	Modbus RTU	Modbus TCP	IOLINK	RS-485	Modbus TCP
DATA TRANSFER RATE	10-100 Mbps adaptive	Max. 115200 bps	Max. 115200 bps	Max. 115200 bps	Max. 115200 bps	4.8-230.4 Kbps	Max. 115200 bps	10-100 Mbps adaptive
WORKING VOLTAGE	DC 9-24V optional PoE	DC 9-24V	DC 9-24V	DC 9-24V	DC 9-24V optional PoE	DC 24V	DC 9-24V	DC 12-24V optional PoE
DIMENSION	D30x88 mm	D30x55 mm	45x30x12 mm	45x30x12 mm	68.1x40x19.9 mm	D18x88 mm	80x80x40.5 mm	80x80x40.5 mm
PHYSICAL INTERFACE	M12 8-pin	M12 5-pin	M12 5-pin	M12 5-pin	M12 8-pin	M12 5-pin	M12 5-pin	M12 8-pin
INDICATOR	1 bicolor light	1 bicolor light	1 bicolor light	1 bicolor light	2 LED lights	1 bicolor light	2 LED lights	2 LED lights
HOUSING MATERIAL	Nickel-plated brass	Nickel-plated brass	ABS	ABS	ABS	Nickel-plated brass	ABS	ABS
FIXING METHOD	Fixed with 2 M30x1.0 nuts	Fixed with 2 M30x1.0 nuts	Fixed with 2 M4 screws	Fixed with 2 M4 screws	Fixed with 2 M4 screws	Fixed with 2 M18x1.0 nuts	Fixed with 2 M4 screws	Fixed with 2 M4 screws
OPERATING TEMPERATURE	-10℃ to +60℃							
STORAGE TEMPERATURE	-25℃ to +85℃							
IP RATING	IP67							

Gateway Controller




ELECTRICAL PARAMETERS				
MODEL	E1698-I- PN/EI/EC/CC/MT	E1698-II-PN/EI/EC	E1698-IV-PN/EI/EC	E1684B
BUS PROTOCOL	PROFINET, EtherNet/IP, EtherCAT, CC-Link, Modbus TCP, Modbus RTU(opt.)			
CHANNEL TYPE	RFID CH: 4, I/O CH: 4	RFID CH: 8	RFID CH: 8	RFID CH: 4
ENVIRONMENTAL CONDITIONS				
COMMUNICATION INTERFACE	RS-485	IO-LINK	RS-485	RS-485
WORKING VOLTAGE	DC 9-30V	DC 20-30V	DC 9-30V	DC 9-30V
POWER SUPPLY MODE	Power supply cascading, main and secondary power supply			Single power supply
OPERATING TEMPERATURE	-20℃ to +60℃			
STORAGE TEMPERATURE	-40℃ to +85℃			
RELATIVE HUMIDITY	RH: 5-95% (indoor), RH-2 class, non-condensing. Resistance to salt spray complies with EN 60068-2-52.			
IP RATING	IP67			
CERTIFICATION	CE, ROHS			
TECHNICAL SPECIFICATIONS				
DIMENSION	205x60x34.4mm	205x60x34.4mm	205x60x34.4mm	134.5x53x29mm
WEIGHT	515g	515g	515g	177g
HOUSING MATERIAL	Aluminum alloy housing encapsulated with potting compound			Potted engineering plastic housing
COLOR	Natural aluminum finish			Black
RFID INTERFACE	4 x shielded, 5-pin M12 connectors	8 x shielded, 5-pin M12 connectors	8 x shielded, 5-pin M12 connectors	4 x shielded, 5-pin M12 connectors
I/O INTERFACE	4 x shielded, 5-pin M12 connectors	-	-	-
POWER SUPPLY INTERFACE	2 x M12 connectors	2 x M12 connectors	2 x M12 connectors	1 x M23 hybrid power & data connector
NETWORK INTERFACE	2 x M12 connectors	2 x M12 connectors	2 x M12 connectors	1 x M23 hybrid power & data connector
FIXING METHOD	Screw mounting			
FAULT INDICATION	Via LED			
STANDARD CABLES	Power cable: ELM5-X-S00-PW Communication cable: EAM5-X-S00-RJ45			GNF12-X-S00-RJ45/PW
INTERCONNECT CABLE	Gateway Power Interconnect Cable: ELF5-X-ELM5-S00-PW Gateway Data Interconnect Cable 1: EAF5-X-EAM5-S00-RJ45 Gateway Data Interconnect Cable 2: EAF5-X-RJ45-S00-RJ45			-

Industrial RFID Tags

MODEL	HT712-D15/D20 /D24/D25	HT712-D30/D35 /D50, HT811	HT712-2525	HT712-4040	HT711 UT701	HT714-D6/D8 /D10/D12
CHIP	ICODE SLIX, ICODE SLIX2, MB89R118C, ST25DV16K, Monza R6/NXP Ucode7					
MEMORY	112 B, 320 B, 2 KB, 8 KB					
INTERNATIONAL STANDARD	ISO 15693, ISO18000-6C, EPC Class1 Gen2					
FREQUENCY BAND	13.56 MHz, 860-960 MHz					
DATA REWRITE CYCLES	100,000 times (MB89R11C: unlimited cycles)					
READ/WRITE DISTANCE	0-3cm, 0-5cm, 0-7cm, 0-9cm, 0-10cm, 0-11cm, 0-13cm, 0-500cm					On-metal: 6-20mm Non-metal: 15-28mm
HOUSING MATERIAL	PPS, PVDF, cloth, textiles					
DIMENSION	ϕ6/ϕ8/ϕ10/ϕ12/ϕ15/ϕ20/ϕ24/ϕ25/ϕ30/ϕ35/ϕ50mm x 3mm, 25x25x4.5mm, 40x40x5mm, 40x24x2mm					
METAL RESISTANCE	On-metal, Non-metal					

Note: the read and write distance varies depending on the environment and reading device.

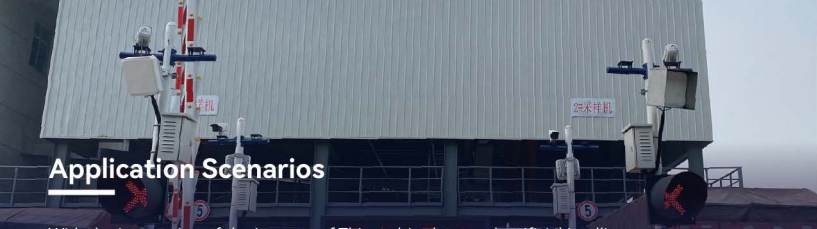
Warehousing & Logistics

The efficiency of logistics supply chain management directly affects overall operational costs and customer satisfaction. Traditional methods relying on manual records and barcode scanning are often inefficient, error-prone, and lack traceability. RFID technology enables automated, non-contact identification and data capture, providing an efficient, accurate, and unmanned solution for modern warehousing and logistics.

- Efficient & Precise
- Reduce Cargo Damage
- Reduce Labor
- Shorten Supply Cycle
- Precise Traceability

SYSTEM TOPOLOGY DIAGRAM

Handheld terminal scanning for stocktaking with real-time data synchronization, reducing processing time by >50%.



Application Scenarios

With the integration of the Internet of Things, big data, and artificial intelligence technologies, RFID will play an even more central role in smart logistics. For instance, it can predict inventory needs through data analysis and optimize route planning, further advancing warehouse and logistics operations toward unmanned and intelligent evolution.

RETURNABLE PACKAGING MANAGEMENT

SKU-LEVEL SUPPLY CHAIN

EXPRESS COMPANY

AIRPORT BHS

PORT

IN-TRANSIT MONITORING

STRATEGIC PARTNERS

SCHAEFFLER

安吉物流 ANJI LOGISTICS

ANTA

JD

上海机场 AVINEX

香港國際機場 HONG KONG INTERNATIONAL AIRPORT

SIPG

COSCO SHIPPING

Industrial RFID UHF Reader



MODEL	D2181B Lite, D2184B Lite	D2184B, D2184BE, D2184BL	D2180D, D2180U, D2181B, D2181R
INTERNATIONAL STANDARD	ISO 18000-6C (EPC Class 1 Gen 2), ISO 18000-6B		
FREQUENCY BAND	902-928 MHz(multi-regional support)		
READ/WRITE DISTANCE	0-20 cm, 10-80 cm, 0-10 m, 0-12 m, 0-15 m, 0-20 m(subject to tag and antenna performance)		
TRANSMIT POWER	0-33 dBm(software-configurable)		
COMMUNICATION PROTOCOL	RS-232, RS-485, RJ45, 2x GPIO (I/O) Interfaces		
ANTENNA PORT	1 x SMA, 4 x SMA	Supports 4 independent TNC	Built-in 0 dBi, 8 dBi circularly polarized antenna
READ RATE	650 tags/s (max.)		
WORKING VOLTAGE	DC 9-24V	DC 12-24V	DC 9-30V
DIMENSION	122x103x33.5mm	240x135x50mm	225x225x30mm, 204x148x48mm, 209x137x57mm
AUDIBLE & VISUAL INDICATORS	LED lights, buzzer		
IP RATING	IP65	IP65	IP65/IP67
OPERATING TEMPERATURE	-20℃ to +65℃		
STORAGE TEMPERATURE	-20℃ to +85℃		
RELATIVE HUMIDITY	5-95%, non-condensing		
FEATURES	-	Android 10 Qualcomm 1.3GHz Quad-Core 2GB RAM, 8GB ROM WiFi, 4G, Micro USB	Provides DLL libraries and sample applications to support custom development.

Industrial RFID Hardware & Tags

UHF RFID Gate G15/G16

The G15 and G16 are UHF RFID gates based on the Impinj R2000 chipset and advanced anti-collision algorithms, ensuring high-speed tag reading. Both are built to IP65 standards for reliable performance in harsh environments. The G16 model includes an integrated Android tablet for embedded data processing and control.

Features:

- Supports ISO 18000-6C (EPC C1G2)
- RS232/RJ45 interfaces
- Up to 15m read range
- 650 tags/s read rate
- Dual infrared sensors; alarm & display linkage
- IP65 industrial protection

UHF RFID PDA M11

M11: A rugged all-in-one industrial mobile data capture terminal. Integrates RFID, 1D/2D barcode scanning, fingerprint and image capture, and GPS. Features 4G LTE, Wi-Fi, and Bluetooth for real-time data transmission and server communication. Ideal for diverse mobile field operations.

Features:

- 5.5-inch FHD display (1920 × 1080)
- Sunlight-readable with auto-brightness and eye-comfort mode
- Qualcomm 8 core 2.0 GHz processor, 2GB RAM + 16GB ROM (opt. 4GB + 64GB)
- 12,000mAh dual batteries & QC3.0
- Read & write distance: 0-18 m
- IP65 industrial protection

RFID Gate Tunnel S7201

S7201 is automated RFID scanner for high-density tag scenarios in warehousing and logistics. It supports rapid inv. management, standalone operation or conveyor integration, significantly improving efficiency and reducing labor costs.

Features:

- Dual-layer metal frame + reverse shielding for stable high-gain operation
- Insulated rollers reduce interference; motion mode aids stacked/bent tags
- 3-segment system supports auto sorting, eighing, labeling
- Auto shutters with mm-wave blocking prevent misreads
- Simplified design lowers cost, minor efficiency trade-off

UHF RFID Tags

On-Metal Plastic Enclosures Tag

PCB On-Metal Tag

Self-adhesive Tag

Pallet Tag

Warehouse Floor Location Tag

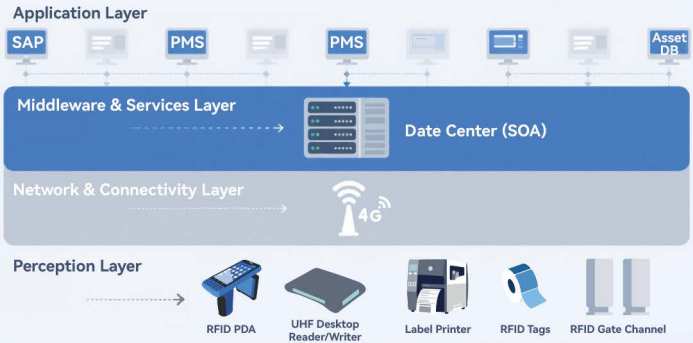
Shelf Tag

Asset Patrol Inspection

The RFID-based asset inspection system utilizes Internet of Things (IoT) technology to establish a comprehensive physical identification management system. By integrating RFID (Radio Frequency Identification), mobile computing, and wireless network transmission technologies, it achieves seamless integration with existing systems such as PMS and SAP, forming a unified management framework that combines physical flow, information flow, and value flow into a cohesive whole.

- Enhanced Inspection Efficiency
- Guaranteed Data Accuracy
- Comprehensive Lifecycle Tracking
- Lower Operational Costs

SYSTEM TOPOLOGY DIAGRAM



Application Scenarios

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GOVERNMENT AGENCIES

SCHOOL

HOSPITALS

BANKS

POWER INDUSTRY

PETROCHEMICAL INDUSTRY

STRATEGIC PARTNERS

BANK OF CHINA

中国银行

THE PEOPLE'S BANK OF CHINA

中国人民银行

UnionPay 银联

CHINA SOUTHERN POWER GRID

中国南方电网

中国航天

State Taxation Administration

Ministry of Public Security

Sinopec

CNPC

Industrial RFID Hardware & Tags

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Features:

- Supports ISO 18000-6C (EPC C1G2)
- RS232/RJ45 interfaces
- Up to 15m read range
- 650 tags/s read rate
- Dual infrared sensors; alarm & display linkage
- IP65 industrial protection

UHF RFID PDA M11

M11: A rugged all-in-one industrial mobile data capture terminal. Integrates RFID, 1D/2D barcode scanning, fingerprint and image capture, and GPS. Features 4G LTE, Wi-Fi, and Bluetooth for real-time data transmission and server communication. Ideal for diverse mobile field operations.

Features:

- 5.5-inch FHD display (1920 × 1080)
- Sunlight-readable with auto-brightness and eye-comfort mode
- Qualcomm 8 core 2.0 GHz processor, 2GB RAM + 16GB ROM (opt. 4GB + 64GB)
- 12,000mAh dual batteries & QC3.0
- Read & write distance: 0-18 m
- IP65 industrial protection

Label Printer

Utilizing thermal transfer ribbon printing, this system delivers highly durable and long-lasting labels. It simultaneously prints text and barcodes while encoding RFID data, ensuring perfect data-label correspondence without any confusion. With a high capacity of up to 2,000 labels per hour, it offers efficient performance for large-scale operations.

The built-in printing software supports direct import of data from Excel, streamlining the workflow and enabling quick, batch processing. Ideal for demanding environments where reliability, speed, and accuracy are essential.

UHF RFID Tags

Outdoor Plastic On-Metal Tag

PCB On-Metal Tag

Self-adhesive Tag

PVC Standard Card Tag

On-Metal Soft Printable Tag

On-Metal Acrylic Tag

Anti-Counterfeiting & Traceability

In today's globalized market, product quality and authenticity are critical concerns for businesses, governments, and consumers. Traditional anti-counterfeiting methods are prone to forgery and inefficiency. RFID-based traceability systems address these issues by providing items with unique digital identities, enabling transparent and trustworthy end-to-end management from production to consumption.

Brand Protection & Profit Assurance

End-to-End Transparency and Safety Compliance

Channel Control and Market Order Maintenance

Customer Trust and Loyalty Enhancement

Digital Identity and Value-Added Marketing

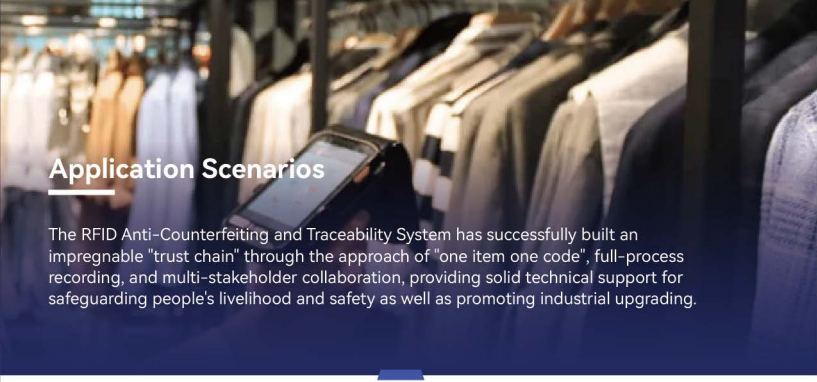
SYSTEM TOPOLOGY DIAGRAM

Information Writing
During production, product info is encoded into NFC tags and tamper-proof tags.

Information Collection
In warehousing, logistics, and sales, staff use PDAs or mobile phones + RFID dongles to read tag info via HF (High-Frequency) reading/writing modules.

Information Upload
Collected data is uploaded to the anti-counterfeiting and traceability cloud platform in real time via wireless network.

Information Application
Enterprises: View product flow, inventory, and anti-counterfeiting statistics via the backend.
Consumers: Verify authenticity and check traceability info by tapping NFC tags or scanning QR codes with mobile phones.
Regulators: Access data via interfaces for efficient supervision.



Application Scenarios

The RFID Anti-Counterfeiting and Traceability System has successfully built an impregnable "trust chain" through the approach of "one item one code", full-process recording, and multi-stakeholder collaboration, providing solid technical support for safeguarding people's livelihood and safety as well as promoting industrial upgrading.

MEDICAL CONSUMABLES

ALCOHOLIC BEVERAGES

PURIFICATION FILTER CARTRIDGES

INK & TONER CARTRIDGES

BOOK, PAINTING, CULTURAL CREATIONS

LUXURY GOODS

STRATEGIC PARTNERS

UNITED IMAGING

FOSUN PHARMA 复星医药

KWEICHOW MOUTAI GROUP 贵州茅台集团

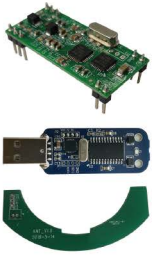
VIDEOJET

hp

WINE EXCHANGE SHANGHAI 上海自贸区红酒交易中心

Industrial RFID Hardware & Tags

HF NFC Module D1008M/D1108M



The D1008M/D1108M series read/write modules are designed for embedding using for various devices that require verification of the authenticity and source information of labels. It operates at 13.56 MHz and complies with international standards such as IS015693, IS014443 and NFC. With its compact design the modules are essy for integration.

Features:

- Stable and efficient reading/writing with multi-tag batch operation support
- Features both automatic and command modes for easy integration.
- Compact size with reliable performance.

UHF RFID PDA M11

M11: A rugged all-in-one industrial mobile data capture terminal. Integrates RFID, 1D/2D barcode scanning, fingerprint and image capture, and GPS. Features 4G LTE, Wi-Fi, and Bluetooth for real-time data transmission and server communication. Ideal for diverse mobile field operations.

Features:

- 5.5-inch FHD display (1920 × 1080)
- Sunlight-readable with auto-brightness and eye-comfort mode
- Qualcomm 8 core 2.0 GHz processor, 2GB RAM + 16GB ROM (opt. 4GB + 64GB)
- 12,000mAh dual batteries & QC3.0
- Read & write distance: 0-18 m
- IP65 industrial protection

Industrial Android Barcode Handheld Terminal M12

The M12 industrial mobile terminal combines multiple data capture functions (RFID, 1D/2D barcode, fingerprint, image) with wireless communications (4G, Wi-Fi, Bluetooth). It supports real-time data exchange with backend servers to meet various mobile work needs.

Features:

- 5.45-inch full HD display with 1440 × 720 resolution
- MTK octa-core 2.0 GHz processor, 2GB+16GB memory (configurable up to 3GB+32GB or 4GB+64GB)
- Optional keyboard layouts: directional keys, fingerprint sensor, or numeric keypad
- IP65-rated rugged housing

HF/UHF RFID Tags

On-Metal NFC Tag

Fragile Tamper-Proof Tag

MISSION

Delight Teams | Inspire Clients

VISION

Become a Global Leader of Industrial RFID Innovation

VALUES

Integrity | Gratitude | Expertise | Accountability

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