

Century New Products Plan in 2025

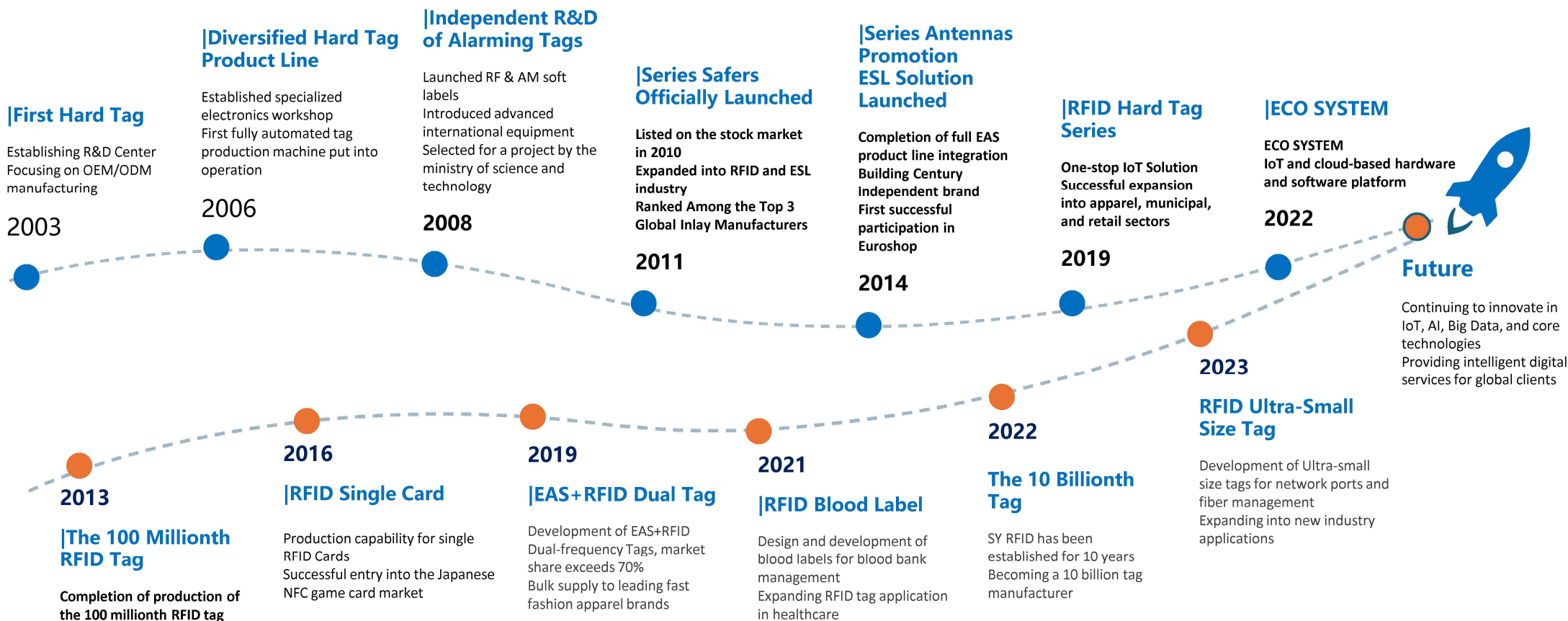
May. 2025



Century Product Development Timeline



Being the market | With the market



Century Product Development Path

EAS and RFID:

A Dual-System of 'Basic Loss Prevention + Smart Operations'

Driving Retail Towards Full-Link Digitalization

EAS: Loss Prevention

- Tag Protection Levels (0A~5A)
- New Unlocking Technology Development
- Tag Miniaturization, Lightweight, and Eco-Friendly
- Label Usability Development
- EAS System Upgrading from Anti-Theft to 'Anti-Theft + Data Collection'
- EAS+AI, Making the System Smarter
- Integration of EAS + POS + IoT and Other Technologies

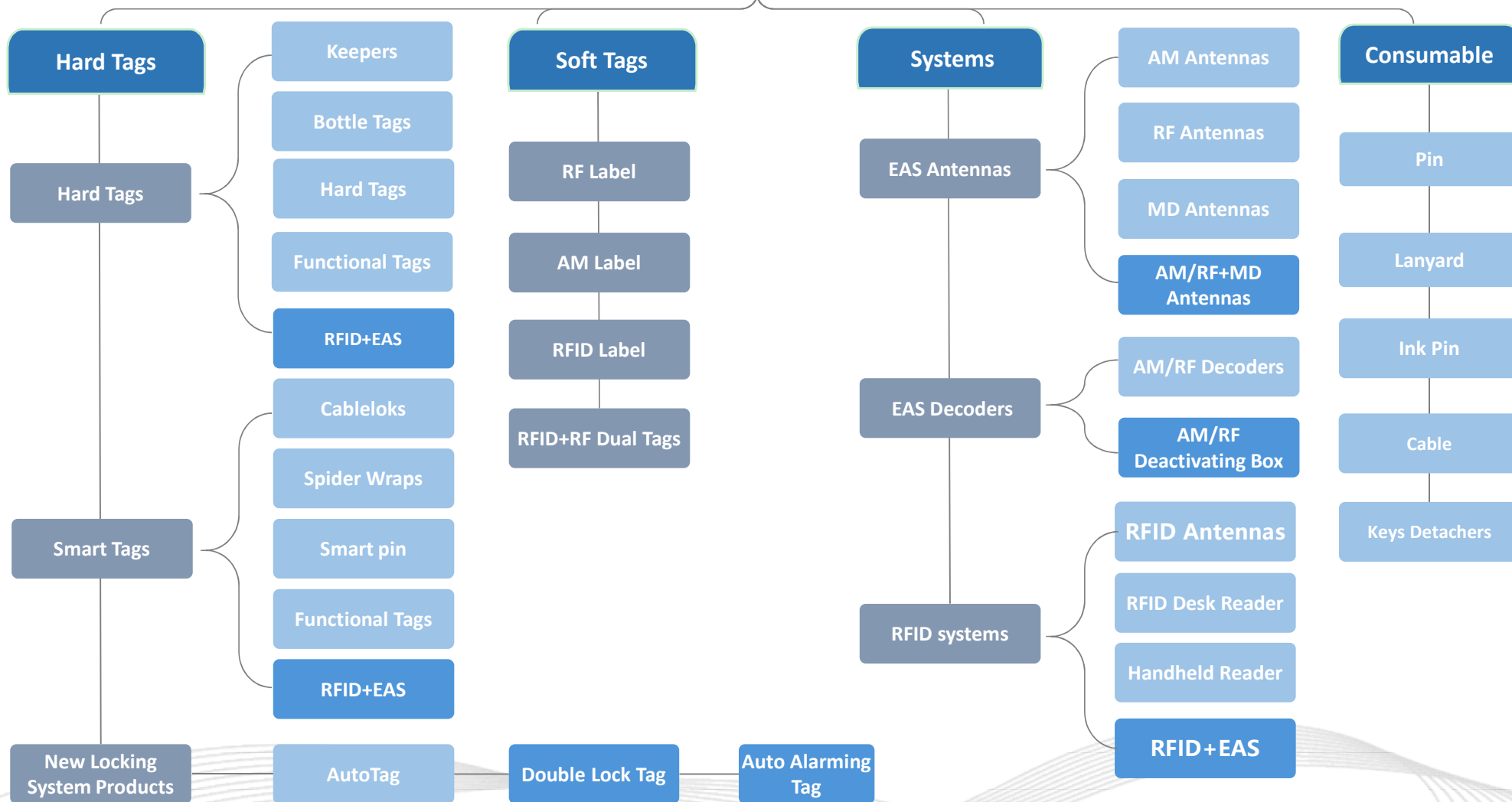
EAS+RFID+AI Platform
EAS+RFID Dual Tags
EAS+RFID Dual Devices

RFID: Item-Level Data Tracking Capability

- RFID Special Tags, Resistant to Liquids, Metals, etc.
- RFID Ultra-Thin, Ultra-Flexible Products
- RFID Eco-Friendly Tags
- RFID+AI Technology Integration for Intelligent Sensing
- RFID as EAS Development

Century Product Map

EAS+RFID



Century Technological Approach

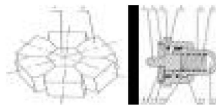
2002

Invention and Patent of
Steel Strap Bottle Tag
Technology
The Beginning of
Century R&D Journey



2006

Successful Development and
Application of Super Detacher
and Magnetic Tag Elastic
Matching Technology



2010

Successful R&D in UHF and HF
Tag Design and Testing
Technologies
Innovative Breakthroughs in
Wireless Communication
ESL Applications



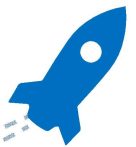
2016

R&D of Smart Retail Hardware
Technologies and Products,
Including Dual-Frequency Hard
Tags and Intelligent Device
Systems



2023

Breakthrough in Electric Field
Detection Technology for In-Package
Theft Prevention and Serial Multi
Alarm Technology Smart Tag
Innovation



2025

Successful R&D of NFC
Unlocking and Remote-Control
Motor Electronic Tags



2005

Bottle Security Tag (ZL20052007551.7)
Wins 'Best Design of the Year' by
European Retail Technology Magazine
and Featured on Cover
Multi Grip Alarm Tag Successfully
Developed, Establishing Century as a
Leading EAS Provider in China"



2008

Mature Application of Low-
Power Smart Tag Technologies
Series of Intelligent Hard Tags
Developed, Establishing Century
as a Leader in the EAS Industry



2012

Breakthrough in EAS System
and Reader Technology
Launch of Related Products
and Innovations



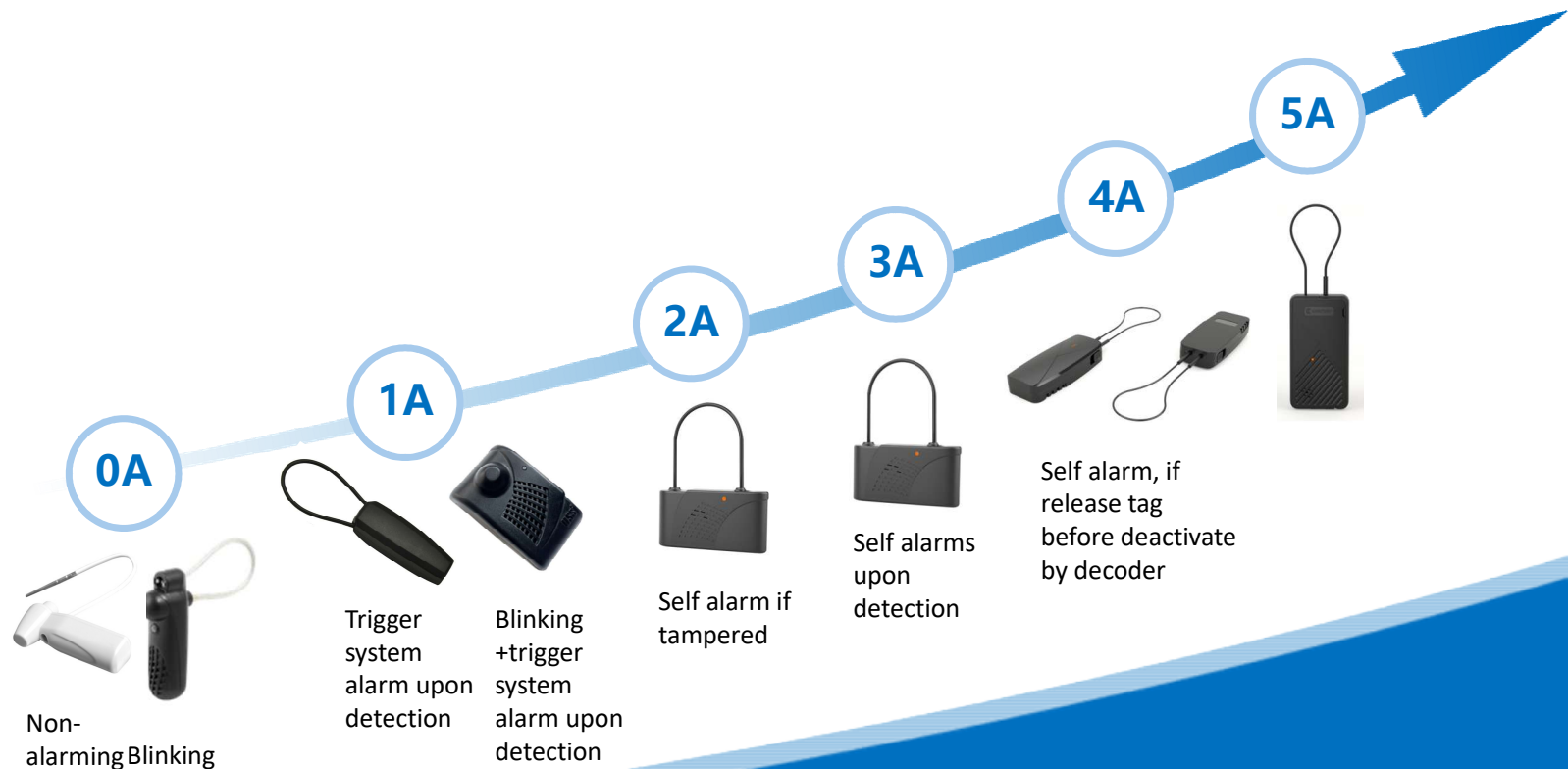
2018

Successful R&D of New EAS
Unlocking Technology



Century EAS Protection Technology Level Planning

Level	Alarm
1A	Trigger system alarm upon detection
2A	Self alarm if tampered
3A	Self alarm upon detection
4A	Self alarm, if release tag before deactivate by decoder
5A	Self alarm once forcefully removed from the merchandise



Century 2025 Product Development Plan

EAS

Product	Product Name	Launch Time
EAS System	Metal Detection	Feb. 2025
	RF+Metal Detection	Feb. 2025
	AM+Metal Detection	May. 2025
	RF Deactivator DB219	Feb. 2025
	Deactivating Box	Jun. 2025
	EAS+RFID Antenna	Dec. 2025
EAS Tag	Bottle Tag B015	Jan. 2025
	Deterrence Tags	Mar. 2025
	Double Lock Tag	-
	Padlock Tag	Aug. 2025
	Alarming Bottle Tag	Sep. 2025
	Alarming Safer	Oct. 2025
	Alarming CanRing Tag	Oct. 2025
	5A Remote Control Alarming Tag	Sep. 2025
	5A NFC Alarming Tag	Oct. 2025
	Double-cable Loose Alarming Tag	Oct. 2025
	Single-Cable Loose Alarming Tag	Aug. 2025
	Infrared Alarming Tag	Jun. 2025
	4A Alarming Tag	Nov. 2025

RFID

Product	Product Name	Launch Time
RFID Device	RFID Handheld Reader	Jan. 2025
	RFID Desk Reader	Jan. 2025
	RFID Overhead Reader (Normal)	Feb. 2025
	RFID Label Printer	Feb. 2025
	RFID UHF Antenna	Feb. 2025
	RFID Fixed Reader	Apr. 2025
	RFID Integrated Reader	May. 2025
	RFID Antenna	May. 2025
	RFID Overhead Reader (Phased Array)	Sep. 2025
RFID Tag	RFID Self-checkout	Sep. 2025
	AM+RFID Tag (Magnetism)	Jan. 2025
	AM+RFID Tag (Mechanical)	Jan. 2025
	RFID+EAS Dual Tag T208	Mar. 2025
	RFID Retail Label	May. 2025
	Dual Bottle Tag B046	May. 2025
	Ultra-light Tag CE36120	Jul. 2025
	New RFID Long Cable Tag CE36121	Jul. 2025
	RFID Item-finding Tag CE39004	-
	EAS Upgraded to RFID	-

Solutions

Solution Name	Launch Time
RFID Supply Chain Solution	May. 2025
RFID Merchandise Loss Prevention Solution	Jun. 2025
RFID Apparel Supply Chain Solution	Jul. 2025
RFID Self-Checkout Solution	Sep. 2025

AM+Metal Detection

-May. 2025

- **Fast detection.** Based on fast passing, it can detect metal fast.
- **MONO** on metal system. No need sync
- Support **cascade in series.** Solve the former issues.
- Support Android APP and IOS APP tuning
- Up to 1.6m single detection based on DR label



product code	Operating Frequency	Outside Dimension	Description	Power Supply	Power Consumption	Metal detection distance	Remark
CA78L/F1C (MD)	58KHz±500Hz	1548*405*130 mm	Master Antenna, incl power cord	110V/220VAC	< 50W	160cm	EAS Can work independently
CA78L/F1S (MD)	58KHz±500Hz	1548*405*130 mm	Slave Antenna, incl. cable kit	110V/220VAC	< 50W		Works with CA78X/F1C

Deactivating Box

-Jun. 2025

- **Deactivating for all in once**
- Support further integration like
weighing machine
- **Support connecting POS**

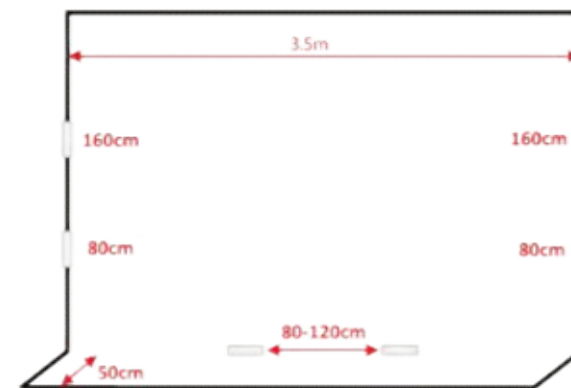
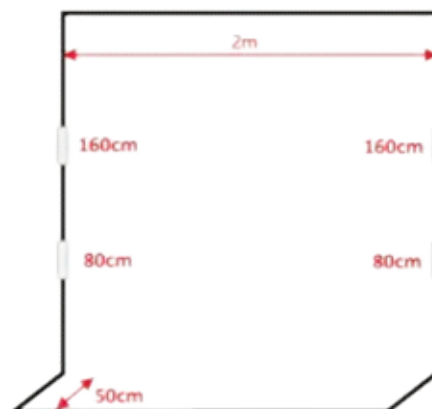


Product code	Material	Central Frequency	Outside Dimension	Internal Dimension	Power Supply	Power Consumption	Work Mode
DB230	ABS	8.2Mhz	525 *435 *500mm	435*350*320mm	12VDC	< 20W	1. Manually deactivation 2. Auto deactivating after scanning 3. Auto detection and deactivating after scanning
DB130	ABS	58KHz	525 *435 *500mm	435*350*320mm	110V/220VAC	< 100W	

Loop Antenna

-Dec. 2025

- The loop antenna can be hidden in the wall or on the surface of the door frame.
- The wire going is flexible and can be customized according to the door condition.
- The loop antenan can protect up to 2.5m height, 3.5m width



Product code	Operating Frequency	Outside Dimension	Power Supply	Power Consumption	Protect range	Remark
-	58KHz±500Hz	Can be customized	110V/220VAC	< 50W	up to 2.5m height, 3.5m width	Can work independently

5A NFC Alarming Tag

-Oct. 2025

- Unlock through NFC-enabled phone or NFC device
- Internal Theft Prevention: Every unlock is recorded
- Admin Access Control: Grant and revoke permissions
- Built in motor enables automatic unlocking
- Replaceable battery
- Expandable to UHF and self-checkout integration
- NFC unlocking distance: 0-2cm



Code	Dimension	Unlocking	Alarm Technology	Color	Cable Length	Frequency
T336	80*41*18.2mm	NFC	5A	Grey, Black or Customized	120mm, 2000mm or customized	AM or RF

5A Remote Control Alarming Tag

-Sep. 2025

- Unlock via remote control for quick and convenient access
- Configurable remote authorization duration and location-based access to prevent internal theft
- Built-in motor for automatic unlocking
- Replaceable battery
- Expandable to UHF and self-checkout systems
- Remote unlocking distance: 0–10 cm



Code	Dimension	Unlocking	Alarm Technology	Color	Cable Length	Frequency
T335	80*41*18.2mm	Remote control	5A	Grey, Black or Customized	120mm, 2000mm or customized	AM or RF

Infrared Alarming Tag

-Jun. 2025

- Unique technology supports detection on single-color packaging (e.g., solid black boxes)
- Pre-alarm triggers upon unauthorized tag movement
- Alarm activates if the packing strap is cut or the tag is lifted
- Single rubber strapping, easy and reliable installation



Code	Dimension	Lock	Alarm Technology	Color	Frequency
T536	66*68*30mm	Standard / Super	3A	Grey, Black or Customized	AM, RF

Loose-Cable Alarming Tag"

◆ Single-cable Loose Alarming Tag -Aug. 2025



- Patented anti-tangle design prevents cable knotting and twisting
- Single-cable loosening alarm for efficient item protection
- Specifically designed for small product packaging
- Industry-first to support nylon cable for protection
- Cost-effective with enhanced usability

◆ Double-cable Loose Alarming Tag -Oct. 2025



- Patented anti-tangle design prevents cable knotting and twisting
- Patented Cable-loosening alarm design

Code	Dimension	Lock	Alarm Technology	Color	Cable Length	Frequency
T537	φ60*25mm	Standard / Super	2A/3A/4A	Grey, Black	1000mm or Customized	AM, RF
T528C	φ60*47.5mm	Standard / Super	2A/3A/4A	Grey, Black	φ1.2*635mm or Customized	AM, RF

4A Alarming Tag

-Nov. 2025

- Dual-Factor authentication smart tag, unlocking requires both encrypted remote signal and specific magnetic field strength, exponentially increasing security
- Configurable remote authorization duration and location to prevent internal theft
- Replaceable battery with factory-installed insulation tab
- Invention Patent



Code	Dimension	Alarm Technology	Lock	Color	Cable Length	Frequency
T332	66*48.7*25mm	4A	Standard / Super	Grey, Black or customized	120mm, 2000mm or customized	AM, RF

Alarming Bottle Tag

-Sep. 2025

- 2A, 3A multi alarm technologies
- Prevents unauthorized opening or sampling
- Compatible with most bottles on the market
- Magnetic unlocking for broad compatibility



Code	Range of application	Alarm Technology	Frequency	Lock	Color	Dimension
B044	φ28-38mm	2A/3A	8.2MHz/58KHz	Standard / Super	Black or Customized	53.2*37*66.1mm

Alarming Bottle Tag

-Sep. 2025

- Easy and quick, one-step locking and unlocking
- 2A, 3A multi alarm technologies
- Features anti-theft drinking protection
- Compatible with most bottles on the market



Product Code	Dimension	Color	Range of application	Alarm Technology	Frequency	Lock
B041	93*74*44mm	Black or Customized	φ29-37mm	2A/3A	8.2MHz/58KHz	Standard / Super

Alarming Safers

-Oct. 2025

- Upgraded alarm lock strap for enhanced protection
- High security:
 - Alarm triggered by unauthorized lock strap removal
 - Alarm triggered by tampering with the safer cover
 - Alarm triggered by fire damage to the lock



Code	Alarm Technology	Frequency	Lock	Color	Dimension
T748	2A	8.2MHz/58KHz	Standard / Super	Black or Customized	100*40.3*14.9mm

Alarming CanRing Tag

-Oct. 2025



- Delicate and ingenious appearance design to protect square or round cans
- AM/RF frequency is available
- High security, 2A alarm technology
- Quick & Easy to install and remove
- Anti-slip & Strong visual deterrent
- Replaceable Strap, customizable length



CanRing tag to protect Square or Round milk powder can

Code	Protection Coverage	Alarm Technology	Frequency	Lock	Color	Dimension
B045	φ120-150mm	2A	8.2MHz/58KHz	Standard / Super	Grey or Customized	50*25.4*39.7mm (Strap Length: 450mm)

Padlock Tag

-Aug. 2025

- High security, metal hook for enhanced cut resistance and safety
- Easy to lock and unlock, user-friendly design
- Trigger system alarm upon detection



Code	Dimension	Lock	Color	Frequency
-	56.1*36*12mm	Standard / Super	Grey, Black or customized	AM, RF

D-Tech Double Lock Solution

- High Loss Prevention
High security, unique unlocking detacher;
The tag cannot unlock by general detachers on the market;
- Easy to Use
Quick unlocking, easy to use;
Manual unlocking or desktop electric unlocking;
- High Compatibility & Expandability
D-Tech Detacher can unlock Mechanical Tags;
The tag can add RFID to expand the anti-theft application;



RFID Self-Checkout

-Dec. 2025



- Multi-label accurate reading, improve cashier efficiency
- Simplify the installation and system integration process, quickly put into use
- Support POS cash register
- Supports optional CER036 Auto Detacher to unlock T244 Auto tags.
- Support rewriting the RFID EPC anti-theft position during settlement



Code	Housing Material	Color	Outside Dimension	RFID Power	RFID Frequency	Display	Options
CER900S	Metal	Grey	1221*500*1212mm	5-26dBm	902~928MHz 865~868MHz	21-inch Touchscreen	POS, Scanner, CER036

RFID Overhead Reader

-Sep. 2025

- Stronger processing capabilities by **integrated Linux system**
- Automatically **detects label movement direction**
- Support partition positioning, **accurately distinguish between infield and outfield**
- The **top mounting height is 3-5 meters**, and the **detection width is 2.5 to 3 meters**
- Support **online and offline alarm**
- Supports remote device management and maintenance



Code	Housing Material	Colour	Outside Dimension	RFID Power	RFID Frequency	Read Range	Mounting Method
CER512	Metal+Plastics	Grey+White	550*340*40mm	5~30dBm	902~928MHz 865~868MHz	Installation Height 3~5m Detection Width 2.5~3m	Ceiling

EAS+RFID Antenna

-Dec. 2025

- New shape design, stylish and beautiful
- **Up to 1.2m single detection**
- Support Android APP and IOS APP tuning
- Support radar **personnel detection** to reduce false alarms
- Support **RFID as EAS** verification off-line alarm

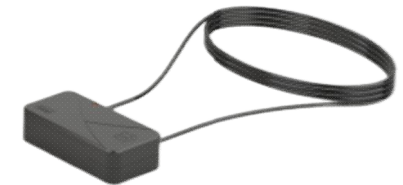


Code	Housing Material	Color	Outside Dimension	RFID Power	RFID Frequency	Detection Range	Alarm
-	Acrylic	White/Black	1689*410*125mm	5~30dBm	902~928MHz 865~868MHz	Single-Sided: 1.2m	Offline: RFID as EAS, EAS is available

Dual Cable Alarming Tag

-Jul. 2025

- Innovative design with versatile RFID performance
- Compatible with both short and long cables
- Dual-frequency design for diverse use cases
- Wide application, suitable for items with holes
- Magnetic unlocking with strong compatibility



Code	Dimension	Alarm Technology	Lock	Color	Cable Length	Read Range	Frequency
CE36121	60*32*16mm	2A/3A	Standard / Super	Grey, Black or customized	120mm, 2000mm or customized	up to 5m	RF+RFID, AM+RFID, RFID

RFID Item-Finding Tag

- Sound and light alarm design for enhanced Security
- HF flashing LED (up to 10Hz) and 95dB buzzer for effective alerting
- Ideal for complex environments, achieving precise searching within a range of 8m
- Extended battery life, up to 3 years with 10 activations per day
- Active chip and onboard antenna layout, increasing metal surface read success rate to 98%



Code	Dimension	Alarm Technology	Color	Cable Length	Read Range	Frequency
CE39004	61.6*33.7*16.4mm	2A/3A	Grey, Black or customized	120mm, 2000mm or customized	up to 8m	RF+RFID, AM+RFID, RFID

RFID Bottle Tag

-May. 2025

- Classic B009 design with a perfect blend of tradition and innovation
- Transparent lid ensures product information is visible while providing anti-theft drinking protection
- Wider protection range, suitable for mainstream bottle openings
- Compatible with various bottle cap materials (metal, foil, etc.)
- Offers multiple functional solutions, meeting diverse needs with enhanced loss prevention and smarter inventory management



Code	Dimension	Lock	Protection Coverage	Color	RFID Frequency	Read Range	Frequency
B046	89x65x75mm	Standard / Super	Ø26mm~36mm	Grey, Black or Customized	902MHz~928MHz, 865MHz~868MHz	up to 5m	RF+RFID, AM+RFID, RFID

Ultra-Light Tag

-Jul. 2025

- Weighs only 5g, much lighter than standard tags, lightweight and comfortable for seamless use
- Ideal for delicate items like silk, enhancing the premium feel
- Standard pin diameter: $\phi 1.2\text{mm}$; ultra-fine pin: $\phi 0.8\text{mm}$ — protects high-end fabrics from damage
- Dual-frequency design for versatile application across various scenarios

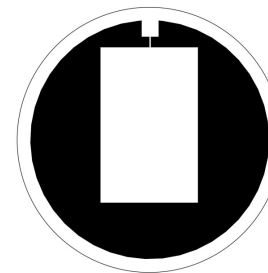


Code	Dimension	Lock	Color	RFID Frequency	RFID Read Range	Frequency
CE36120	47.8*23.4*12.1mm	Standard / Super	Grey, Black or customized	860MHz~930MHz	up to 5m	AM+RFID, RFID

RFID Retail Label

-May. 2025

- Compact size, broad compatibility
- Small form factor designed for use on smaller products
- Widely applicable to various materials, including ABS, glass, PMMA, and liquids



CE332626



CE330428



Code	Size	Chip	Frequency	Read Range	Application
CE332626	φ28mm	NXP U9	860~930MHz	Up to 3m	Beauty, Personal care
CE330428	6*30mm	NXP U9	860~930MHz	Up to 3m	Beauty, Personal care

EAS Upgraded to RFID Solution

➤ Economical and practical

The EAS tag currently in use does not need to be replaced

Add RFID accessories to achieve EAS+RFID functionality

➤ Easy to use

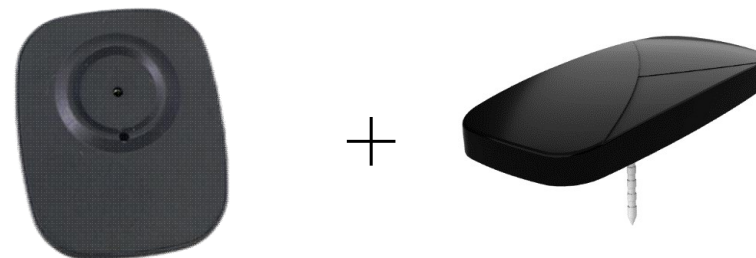
The original EAS tag function remains unchanged

RFID accessories are easy to install

● Alarming Tag+RFID



● Hard Tag+RFID



THANK YOU

Being the market | With the market

Hangzhou Century Co., Ltd

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