

# Century New Products Plan in 2025

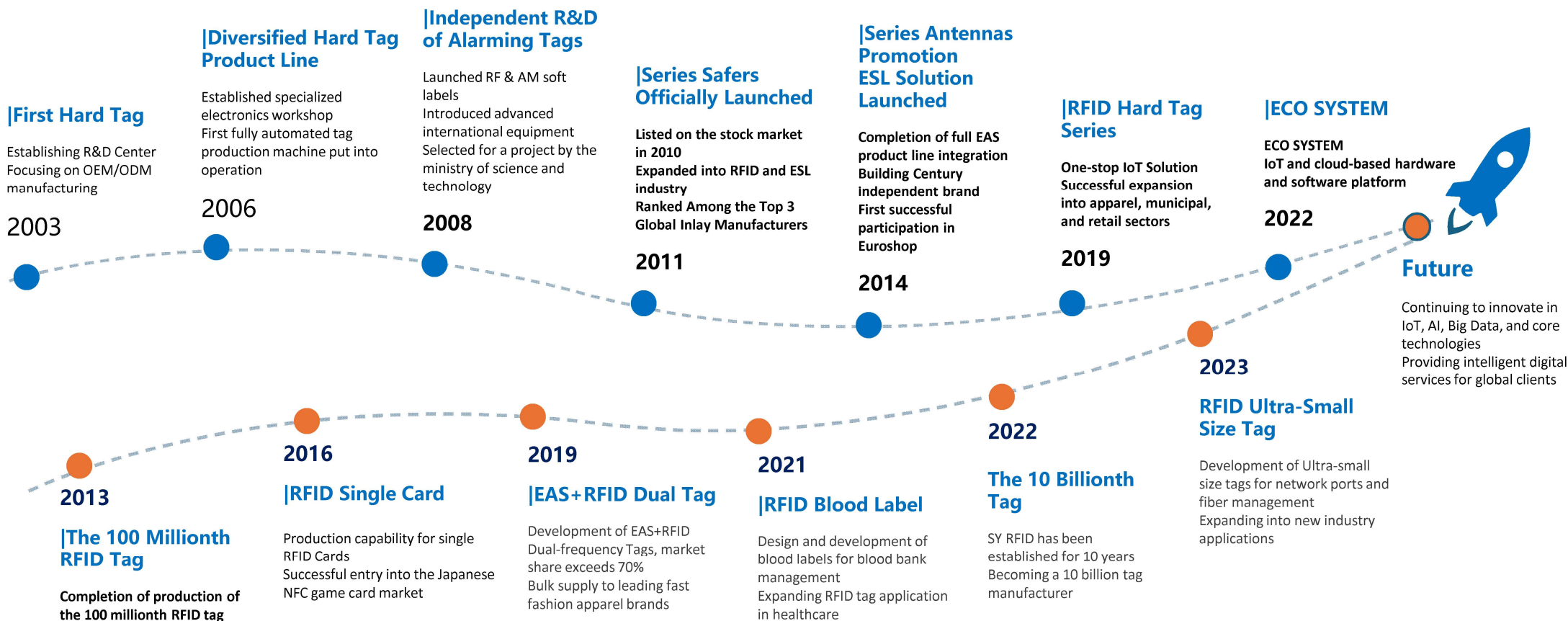
May. 2025



# 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

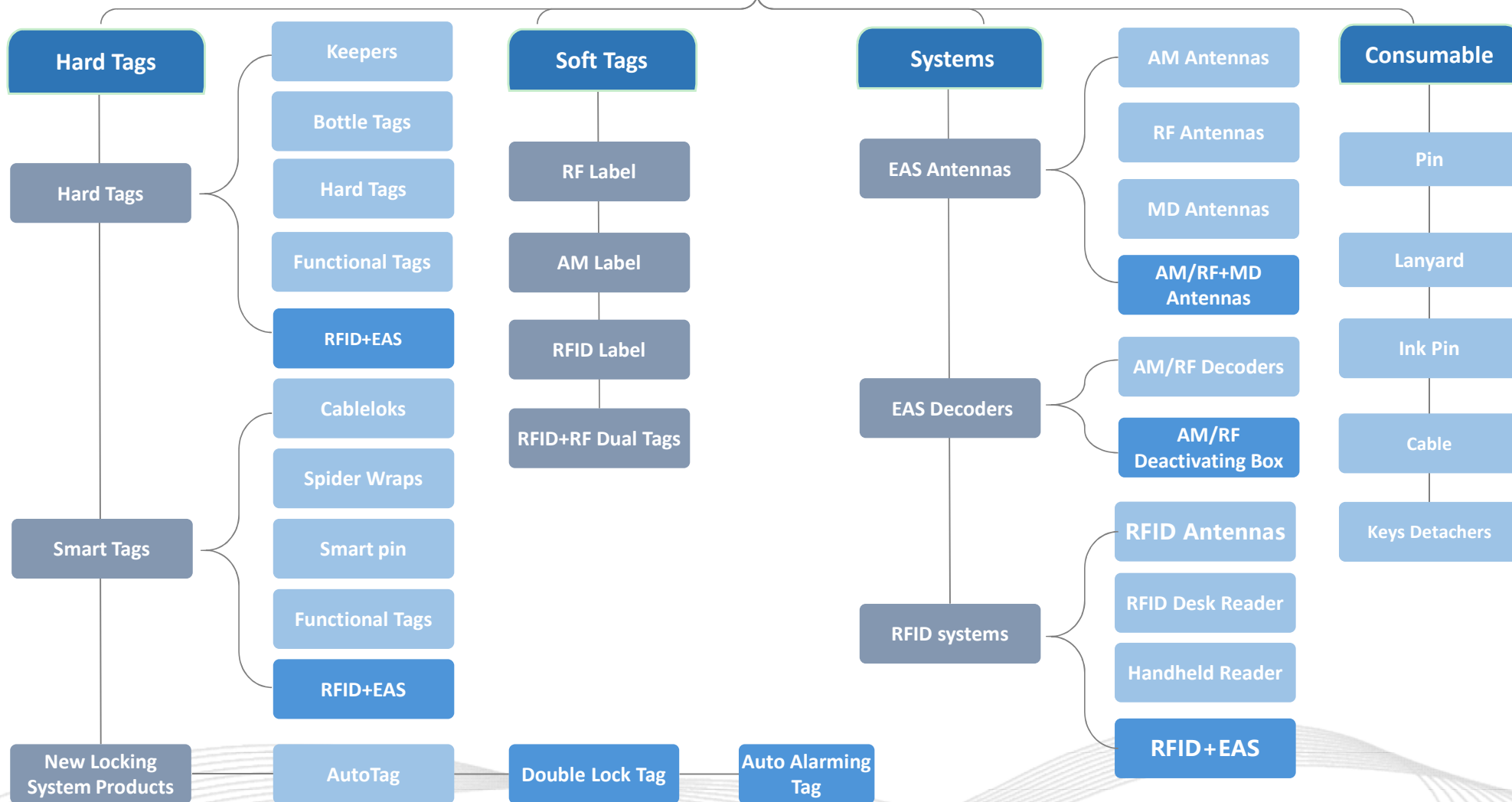
**EAS+RFID+AI Platform**  
**EAS+RFID Dual Tags**  
**EAS+RFID Dual Devices**

#### 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

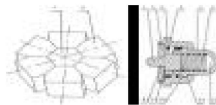
**2002**

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



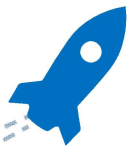
**2016**

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



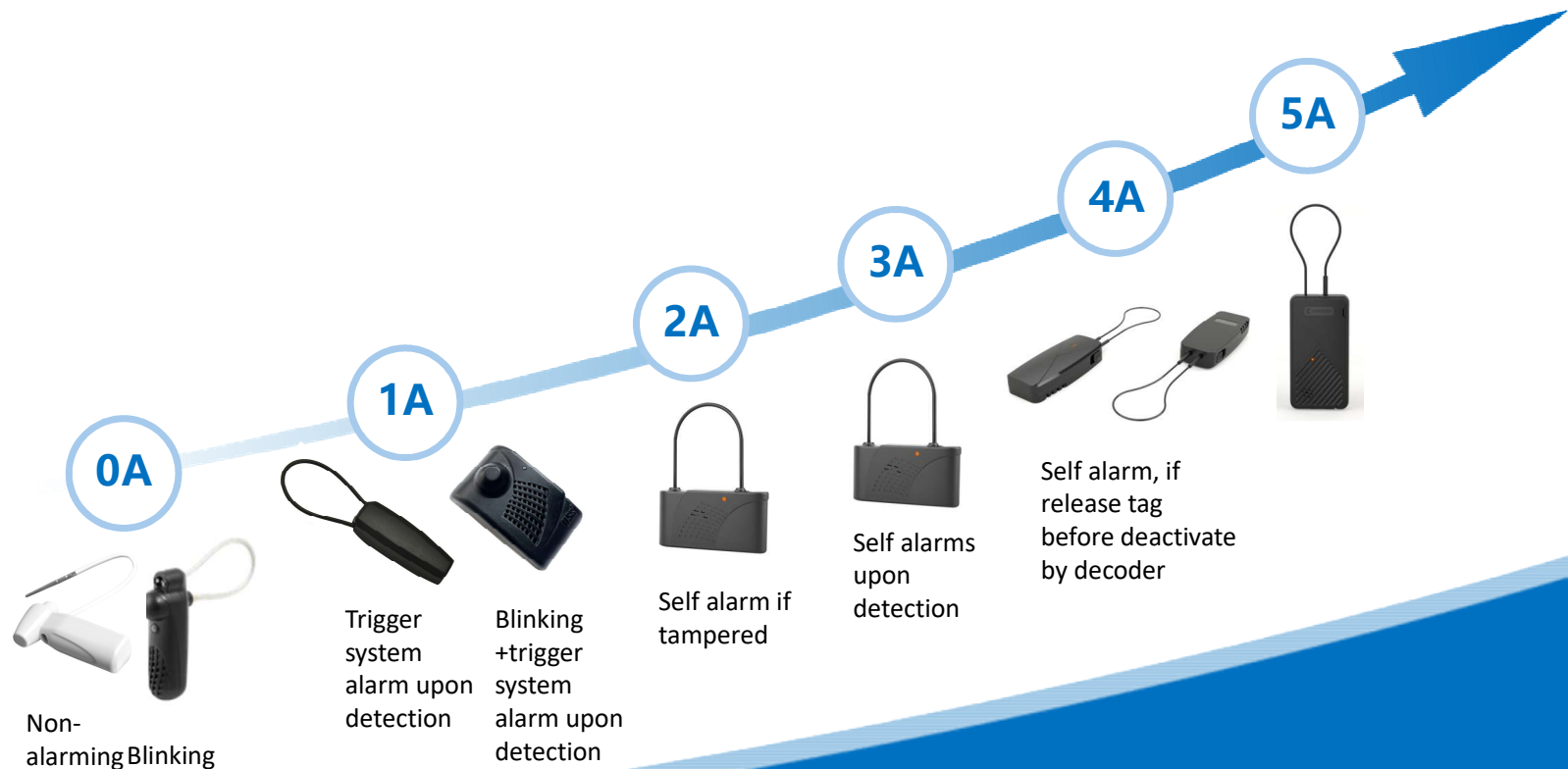
**2018**

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**



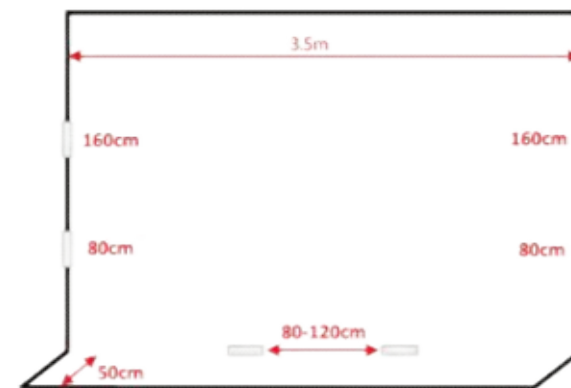
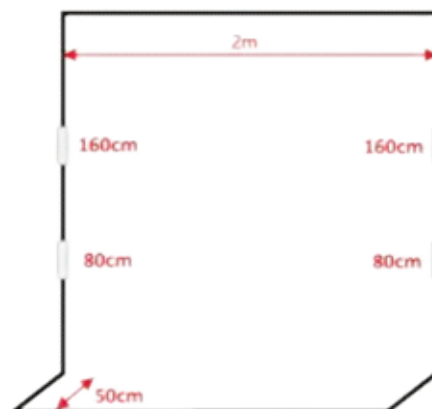
| Product code | Material | Central Frequency | Outside Dimension | Internal Dimension | Power Supply | Power Consumption | Work Mode                                                                                                            |
|--------------|----------|-------------------|-------------------|--------------------|--------------|-------------------|----------------------------------------------------------------------------------------------------------------------|
| DB230        | ABS      | 8.2Mhz            | 525 *435 *500mm   | 435*350*320mm      | 12VDC        | < 20W             | 1. Manually deactivation<br>2. Auto deactivating after scanning<br>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<br>865~868MHz | 21-inch<br>Touchscreen | POS,<br>Scanner,<br>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<br>865~868MHz | Installation Height<br>3~5m<br>Detection Width<br>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

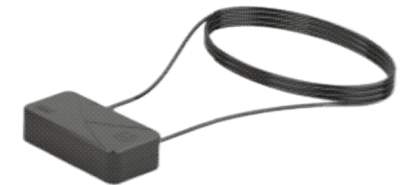


| Code | Housing Material | Color       | Outside Dimension | RFID Power | RFID Frequency           | Detection Range    | Alarm                                     |
|------|------------------|-------------|-------------------|------------|--------------------------|--------------------|-------------------------------------------|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

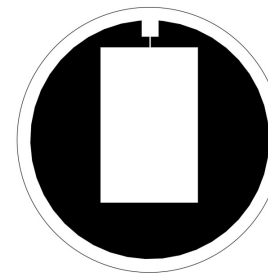


| Code    | Dimension        | Lock             | Color                     | RFID Frequency | RFID Read Range | Frequency     |
|---------|------------------|------------------|---------------------------|----------------|-----------------|---------------|
| CE36120 | 47.8*23.4*12.1mm | Standard / Super | 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

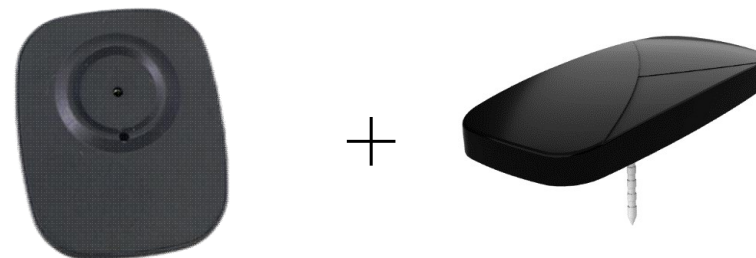
The original EAS tag function remains unchanged

RFID accessories are easy to install

● Alarming Tag+RFID



● Hard Tag+RFID





# THANK YOU

Being the market | With the market

Hangzhou Century Co., Ltd

[www.century-cn.com](http://www.century-cn.com)

