

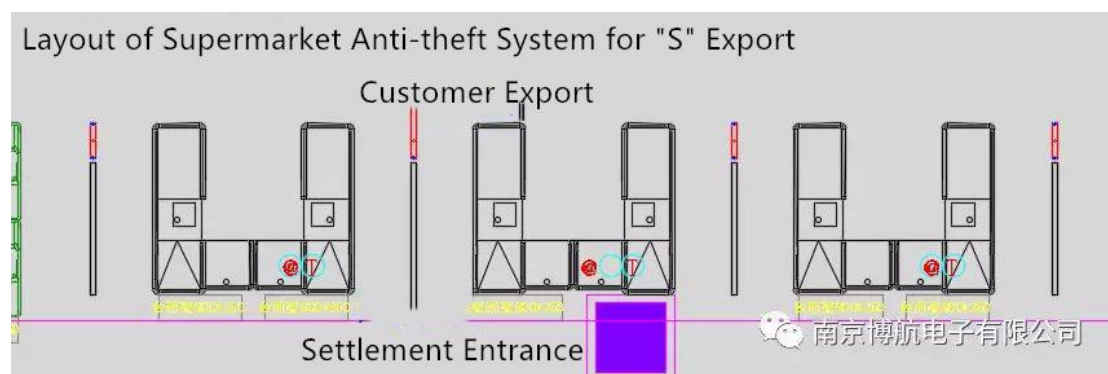
## Bohang Supermarket Channel EAS Anti-theft Solution

### 1、 Passage anti-theft features:

EAS anti-theft equipment of checkout channel type is installed in the isolation guardrail of checkout channel. One device protects two independent channels. The effective protection distance is 0.6-0.8 meters on one side. It fully meets the requirements of the supermarket's commodity anti-damage. At the same time, the layout is more beautiful. Customers unconsciously complete the anti-damage detection in the process of checkout, it does not affect the customer's sense of free shopping experience, greatly takes care of the customer's psychological feelings, and fully protects the customer's self-compliance. Let customers to maximize the recognition of supermarkets.

### 2、 Principles of Supermarket Anti-theft System Design:

- (1) Guarantee the normal circulation of personnel and cargo yards
- (2) Facilitate the handling of police situation by security personnel
- (3) Ensuring effective protection of goods



### 3、 Supermarket Anti-theft System Selection:

According to the characteristics of channel type, it is generally recommended to choose AM single-support system and RF single-support system (RF system in one machine). The representative products are BH9677MONO AM

single-support system and BH9277 RF single-support system. The optional products are BH9686MONO, BH9688MONO, BH9289, BH9287, etc.

On-site Example Diagram of Channel Protection Mode of EAS System in Bohang Supermarket-BH9686B



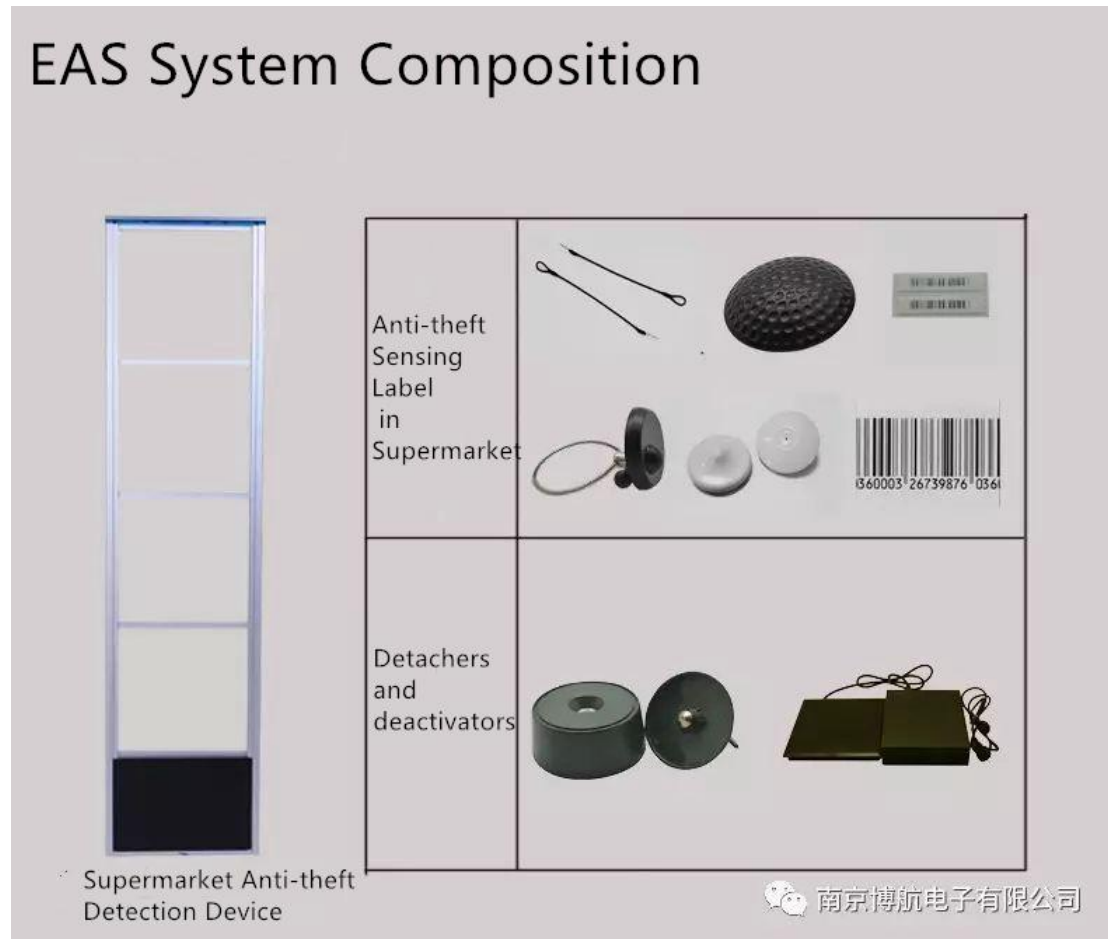
On-the-spot illustration of channel protection mode of EAS system in Bohang supermarket-BH9277



#### 4、The Composition of Supermarket Anti-theft System

Electronic Article Surveillance System(EAS system)consists of three parts: detection device, induction label, magnetic nail remover or decoder.

EAS system has different types of detection devices. According to the type you choose, the appearance and composition of the detection device are as follows:



#### 4.1 Supermarket Anti-theft Detection Device

Installed in the cash register channel for detecting anti-theft induction labels on goods. It is also called EAS anti-theft system, EAS anti-theft door, EAS anti-theft magnetic door, EAS anti-theft door guard, EAS anti-theft door god.

- 1、 Single-support AM anti-theft system, such as: BH9677MONO AM single-support system

2、RF single support system, such as: BH9277 RF single support system

## 4.2 Anti-theft Sensing Label in Supermarket

Installed on commodities, it shows that the decoded induction label can cause alarm when it passes through the detection device. It can be used to protect commodities from loss or theft. Hard tags are also called anti-theft buckles, magnetic buckles, anti-theft labels, soft labels are also called magnetic codes, anti-theft labels, anti-theft barcodes, etc.

1、AM anti-theft soft label, RF anti-theft soft label, such as SD2548 AM soft label, SD2040 RF soft label.

2、AM hard tags, RF hard tags, hard tags are composed of labels and label pins, such as SD1523 AM hard tags, SD1052 AM hard tags.

3、Special labels, such as anti-theft milk powder buckle, anti-theft wine bottle buckle, anti-theft protection box, anti-theft bandage, etc.

## 4.3 Detachers and deactivators

**Deactivators:** It is used to remove the alarm performance of soft labels. There is no alarm when soft labels was decoded and checked. It is non-contact decoder, long decoding distance, easy to use, fast decoding speed and strong decoding reliability.

- 1、AM demagnetizer, it also called AM deactivators.
- 2、RF deactivators.

Characteristic:

- The decoding height of RF non-contact decoder is 15-30cm (BH9902, BH9909 is 30-45cm).
- RF is suitable for all 8.2MHz soft labels
- The degaussing height of AM non-contact decoder is 5-15cm, and there is vibration sense when degaussing (BH9935, BH9932)

**Detachers:** It is used to recover anti-theft hard tags and special labels, so that the products lose (remove) the alarm function. It also release device, unlock

device, puller and so on. Configurable models, SD608, SD602, BH615, BH618, etc.

- 1、 The magnetic nail remover is made of customized super magnet.
  - 2、 Mechanical decoder, mechanical decoder with special structure.
- Settlement Entrance, Customer Export EAS Anti-theft Device.

#### Configuration List of EAS System in Bohang Brand Supermarket

( Taking the AM system as an example, the single-support AM system BH9677MONO is selected. )

Number	Name	quantity	unit	Unit price	Total price
1	BH9677MONO AM antenna		branch		
2	BH9935 AM deactivators		platform		
3	SD602 detachers				
4	SD1523 AM hard tags		set		
5	SD2548 AM soft labels		piece		
6	SD1551 Milk powder buckle				
7	SD1554 Bottle buckle/kettle buckle				
8	SD5017 tag pin		piece		
9	others				

System price

Accessories price

Total price

### 5、 Introduction of accessories:

- 1、 AM antennas have one checkout channel, one non-purchasing channel (optional), one entry channel (used as an entry non-shopping channel) or

several (full package), and one receipt channel (supplier channel). Two staff channels.

2、 1 decoder for each cashier.

3、 1 detacher for each cashier.

4、 Soft label, hard tag and other consumables depend on your need.

## 6、 **After-sales Service of EAS System in Bohang Electronic Supermarket**

- Delivery time: Delivery within 15 days after completion of the contract
- Free Maintenance, Mail Fee is borne by Buyer
- Follow-up supply: All consumables are subject to contract price and guarantee supply
- Personnel Training and Education: Our company will provide education and training for relevant users of your company, and provide a complete set of training manual.
- If the product is unsatisfactory, the full refund will be made within one month without affecting the second sale.
- Power supply conditions:
  - (1) AC220V +5V three-hole grounding socket next to the main system (Power Pack)
  - (2) Voltage of center line and ground line is less than 0.5V
  - (3) The power supply of the system should be supplied by an independent single loop power supply (from the distribution box to a separate dedicated line of the system)
  - (4) Please configure the power supply to use the common specification power socket

## 7、 Contact information:

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## 8、 Circuit Requirements for the Installation of Bohang

### Electronic EAS System

- 1、 The anti-theft system is divided into door alarm system and degaussing system of cash register.
- 2、 The capacity is 100W for each anti-theft detection system. The capacity of decoding system is 50W per unit.

Total capacity: (100W x number per detection system + 50W number per decoding system)

- 3、 During distribution, the line is connected with a total air switch in the main distribution box, and its outlet line is divided into two routes. One line is pulled to the power supply of each alarm system in parallel, and the other line is pulled to the cash register in parallel. Each power supply position is connected with three sockets respectively.

4、 When connecting the socket, according to the left side of the socket is zero line and the right side is fire line, unified access, no mixed connection is allowed. The outlet of the alarm system at the entrance is over 2 meters from the ground, and the degaussing system outlet on the cash register is connected to the counter of the cash register.

5、 No other electrical equipment shall be plugged into this line, and no socket for any other electrical equipment shall be reserved.

6、 Avoid electronic devices such as frequency conversion elevators, spotlights and electronic starters as far as possible within 3 meters of the equipment.

7、 The wiring should be embedded with a 20 cm diameter PVC tube, one tube for each antenna.