



SECUREYVILL

## Warranty Card

Customer Name		Phone	
Address			
User ID		Order Number	
Product Model		Purchase Store	
Purchase Date		Service Center	
Service Records			
Date	Fault Reason	Resolution	

EU

REP

EU001761551428711aMWu

### VAT SPEED SL

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UK

REP

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RoHS



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Retail Anti-Theft System

## Product User Manual



AM-053

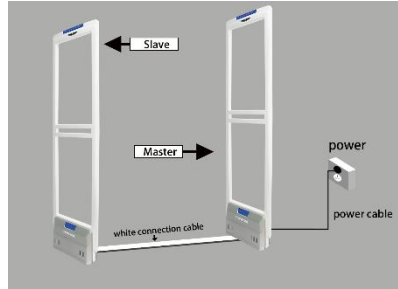
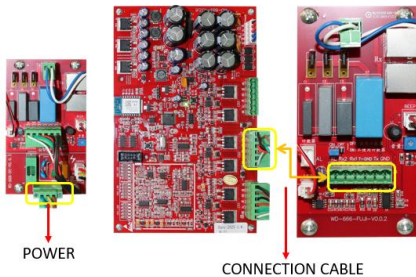
After-sales service

Contact: +8617129967775 (WhatsApp)

E-mail: secureywill@outlook.com

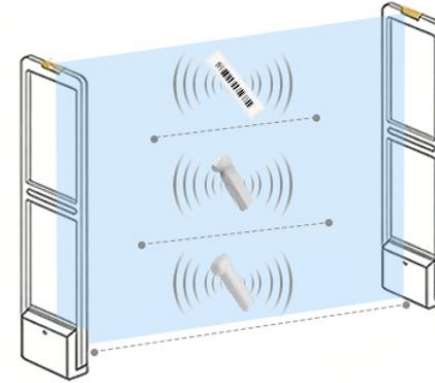
## Installation Steps

1. Verify that all packing accessories are included and ensure no components are missing or damaged.
2. Open the base cover of the security gate and connect the power cable and signal cable to the corresponding positions.
3. Place the security gates as shown in the image below, but do not secure them. Use tag or label to test if they are working properly.
4. After testing, secure the gates with screws or adhesive, then cover and tighten the base cover.



Product name	EAS AM Detection System
Model Number	AM-053
Induction Frequency	58KHz
Working voltage	AC 110-220V 50/60Hz
Rated power	≤30W
Main material	ABS
Color	Grey
Place of Origin	Guangdong, China

## Detection Range & Troubleshooting



### Detection Range

Soft Label: 160cm/max180cm 62in/max 70in

Small Tag: 200cm/max220cm 78in/max 86in

Big Tag: 310cm/max330cm 122in/max 129in

(Different tags have different sensing distances)

### Troubleshooting

#### A. No Alarm

1. Check power connection (cables secure, indicator light on).
2. Check for loose or incorrect connections (antenna/buzzer/ports).
3. Check antenna spacing (must be within tag detection range).

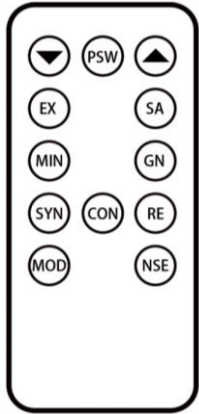
#### B. False Alarms

1. Check for undeactivated soft labels or undetached hard tags.
2. Check detection zone for tags or large metal objects.
3. Check if the system shares a power outlet with other devices.

#### C. Missed Alarms

1. Check if product packaging contains metal (aluminum foil, tin foil, etc.).
2. Check if the item is inside a fully enclosed metal/electronic space

## Remote Control instruction



Button Name	Parameter Function	Default	Effective Range
PSW	Entering debugging mode	101	
CON	Confirm		
EX	Exit		
SA	Signal Mode Adjustment	0	1 to 5
MIN	Dynamic Threshold	40	0 to 200
GN	Filter Mode Selection	8	1 to 8
SYN	Synchronization Delay	0	0 to 250
RE	Receiving Window Delay	4	0 to 14
MOD	Restore Default Settings	0	1 to 6
MOD	Alarm Duration Adjustment	0	1 to 6
NSE	Noise Display	0	1 to 6

### I. Enter Debug Mode

1. Press the PSW key to enter the password input mode.
2. Press the ▲ / ▼ keys until the value is set to 101.
3. Press the CON key to enter the system debugging mode.

### II. Function Key Parameter Input

1. After entering debug mode, press the desired function key.
2. Use the ▲ / ▼ keys to input an appropriate value.
3. Press the CON key to confirm the setting.

### Parameter Functions

**SA Mode:** 0 = Dual Transmit & Receive Integrated Mode; 1 / 2 = Dual-Gate Mode; 3 / 4 = Single-Gate Dual / Integrated Mode; 5 = Single Transmit & Receive Integrated Mode

## Parameter Functions

**GN:** Higher values increase filtered noise and slightly extend detection range, but not indefinitely. Each filter mode has its own characteristic detection range and filtering behavior.

**SYN:** Each increment increases delay by 40  $\mu$ s.

When installing multiple devices, all SYN values must be set the same to avoid co-channel interference and false alarms.

**RE:** Each increment increases delay by 40  $\mu$ s.

If large metal objects are near the system, delay can be increased slightly. Recommended value: 4–5.

**MIN:** Lower values increase sensitivity but may cause false alarms. Higher values reduce false alarms but also decrease detection distance.

**MOD:** Press the ▲ key to set to 1, then press CON to restore factory settings. Press the ▲ key to set to 3, then press CON to display bb 8 (default). Adjust bbx values using the ▲ / ▼ keys.

### NSE:

Value	Description
1	CH1 signal value
2	CH2 signal value
3	CH3 signal value
4	CH1 environmental noise
5	CH2 environmental noise
6	CH3 environmental noise

**Note:** Please contact us before making any adjustments.

## Precautions For Use

Before using this product, please read this user manual carefully and keep it for future reference.

1. Avoid contact with water. Do not use the product in or near containers such as water tanks, basins, or other vessels containing water.
2. Ensure there are no large metal objects (e.g., metal doors, metal shelves) within a 2-meter radius of the antenna.
3. Avoid storing tags within 2 meters of the antenna (depending on the actual environment).
4. Keep high-power electrical appliances (e.g., refrigerators, air conditioners, sound systems) away from the antenna
5. Ensure the antenna has a stable and independent power supply. Do not use a generator or UPS as the power source.
6. Improper disposal of this product may harm the environment. Please dispose of it responsibly through recycling.
7. Images are for reference only. In case of updates, refer to the actual product.

## Warranty

Dear Customer,

Thank you for purchasing our product. To better serve you, please read, fill out, and keep this warranty card carefully after purchasing the product.

### Warranty Terms

1. Please keep this warranty card safe as proof for repairs.
2. The product is covered by a warranty for 1 years from the date of purchase.
3. During the warranty period, under normal use and maintenance conditions, if the motherboard encounters a problem or a fault is confirmed upon inspection, we will provide free repairs and replacement of parts.
4. The company reserves the right to refuse service or charge material and service fees in the following cases during the warranty period:
  - ① Failure to provide this warranty card and valid proof of purchase.
  - ② Malfunctions or damages caused by improper use.
  - ③ Damage caused by abnormal external force.
  - ④ Damage caused by unauthorized repair or disassembly by non-authorized personnel.
  - ⑤ Malfunctions or damages caused by natural disasters or other force majeure events.
  - ⑥ Other deliberate damages caused by human actions.
5. The company reserves the right to amend and interpret all content in this warranty.