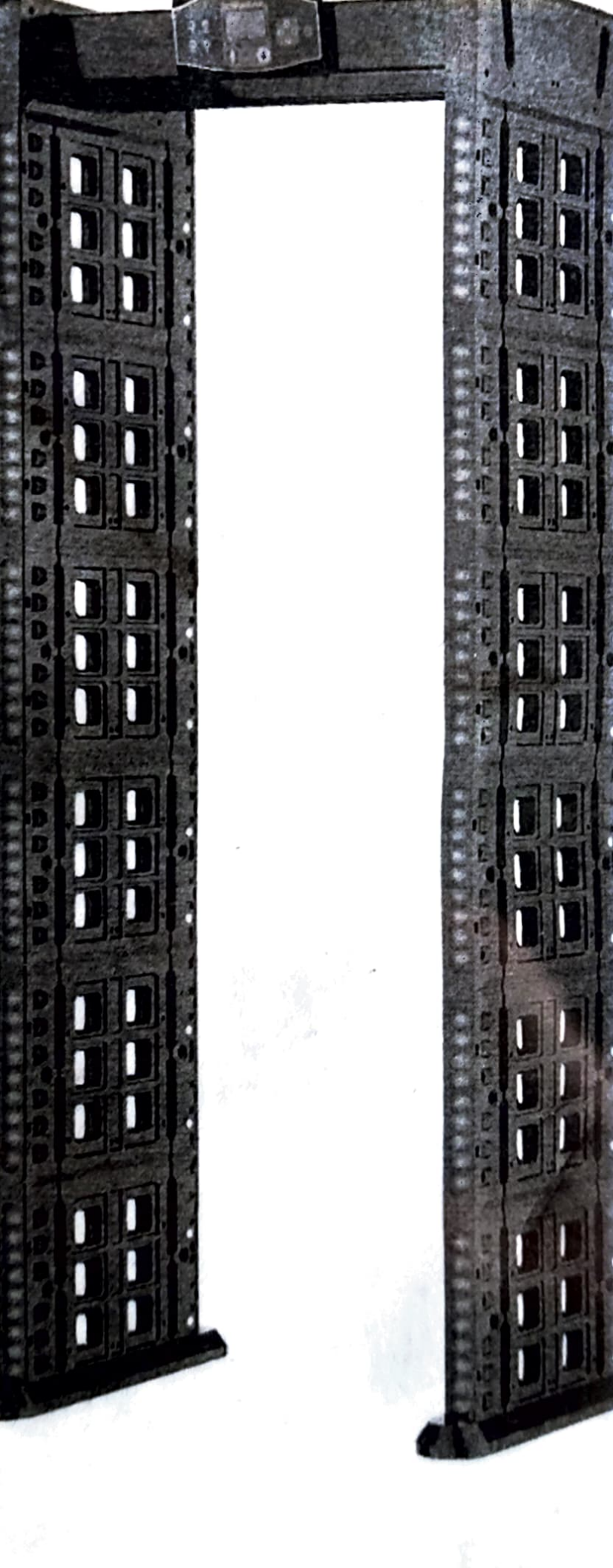

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Interference

Metal detector may have several interferences during its working, such as:

Mechanic Interference

Revolving door: the detector shall be 1000mm distant from the door; make sure the door opening outward; if there are two doors, the detector shall be installed on one door, and the other is suggested to lock; if the doors are metal, it's suggested to cut one corner of the metal doorframe so as to isolate the metal loop. After the detector is installed, please rotate the door several times to check its performance.

Electric Interference

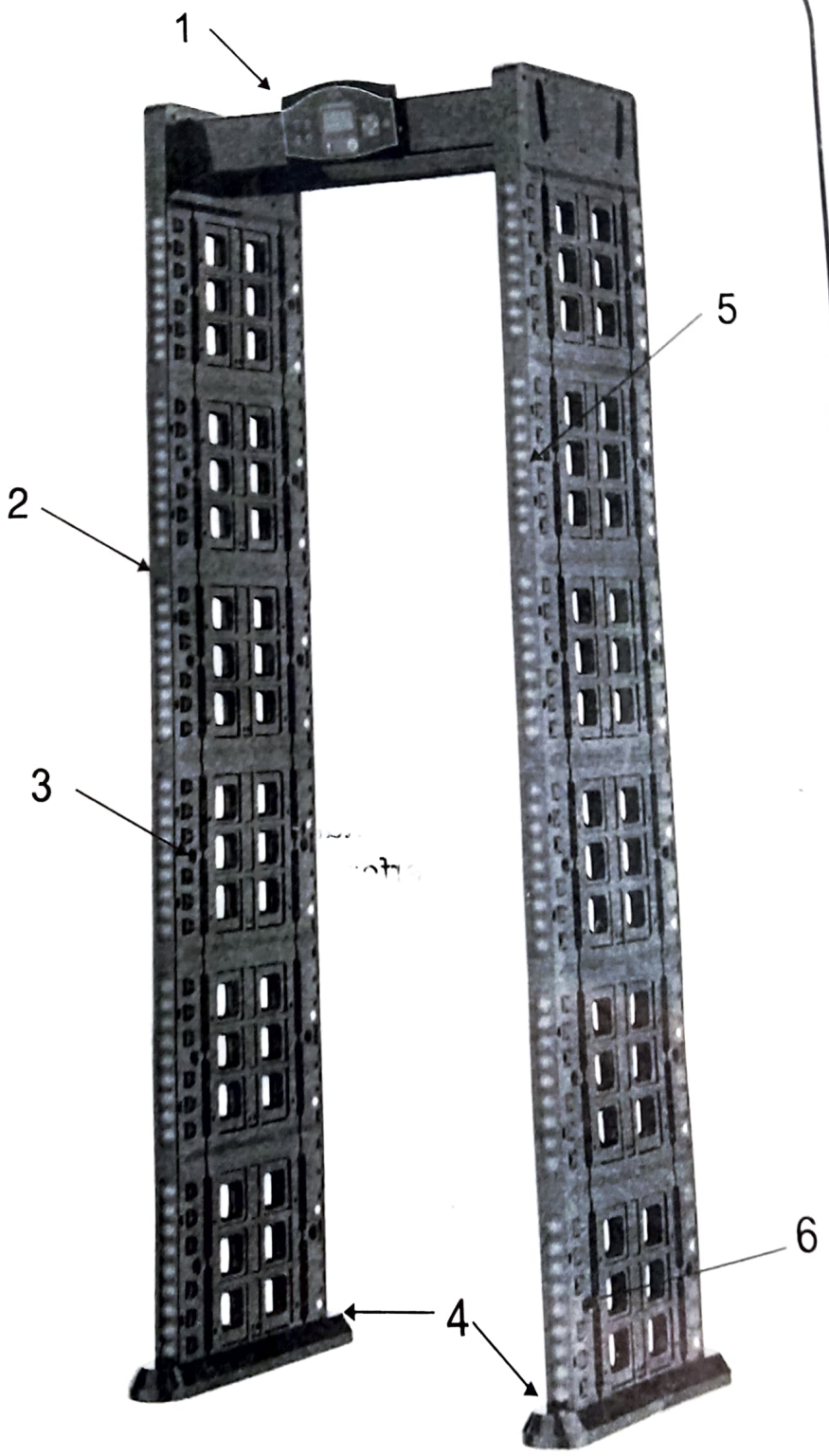
Many objects have electric interference to the security inspection gate, such as elevator, electromotor, TV, PC monitoring line and mobile phone Such objects shall be kept far away from the security inspection gate. If there is strong electric interference, please consult your dealer.

Moving Objects

If the security inspection gate is installed too close to the roads, the moving vehicles will affect its performance. We suggest keeping the security inspection gate distant enough from the roads.

Technical parameters

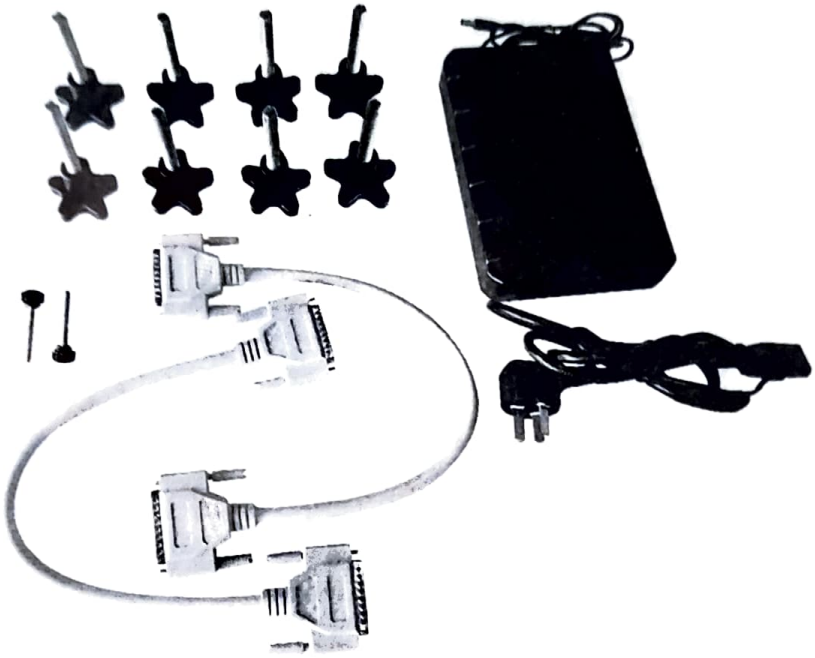
Working voltage	100~240V/AC 50~60HZ
Working current	0.06A@220V
Power	Max.13W
Working temperature	0℃~50℃
Working humidity	95% (without condensation)
Protection grade	IP54 / IP65
Working frequency	6~9KHz 10 frequency points
Sensitivity level	300 level
Passage size	L513 x W700 x H2045 (mm)
External size	L600 x W860 x H2181 (mm)
N.W	36KG



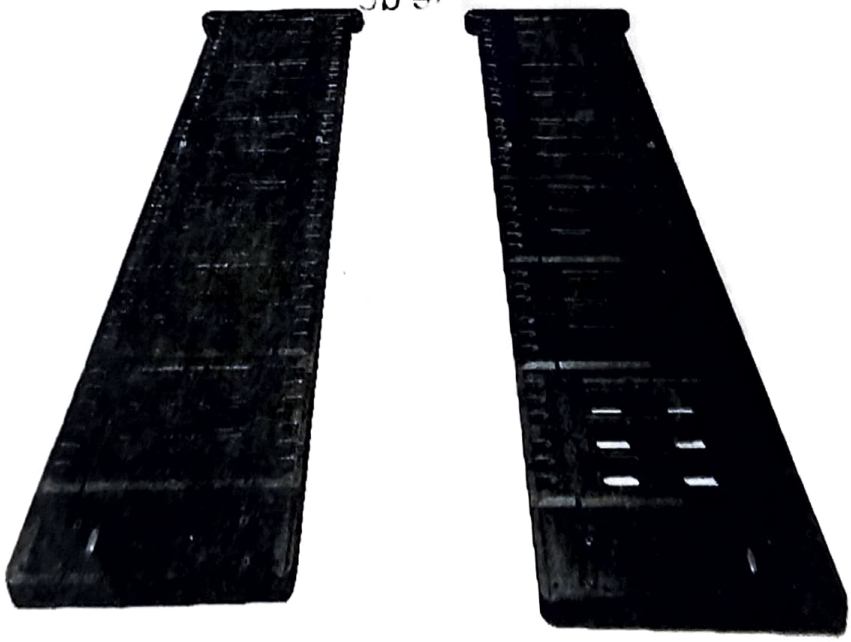
Control unit　2、Detection panel　3、Infrared sensor

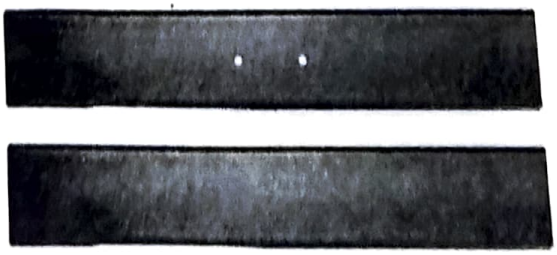
Foot support　5、Alarm LED light　6、DC24V Power inpu

1、Open the package box and take out the accessories, as shown in the figure.

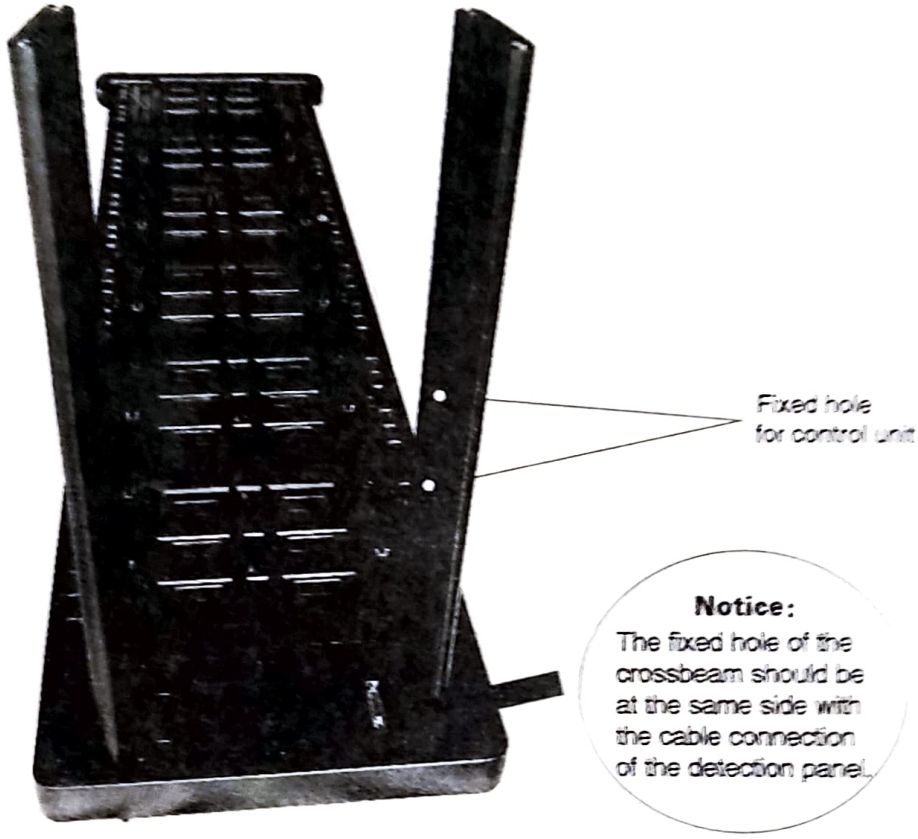


2、Take out the detection panels and the crossbeam as shown in the figure.

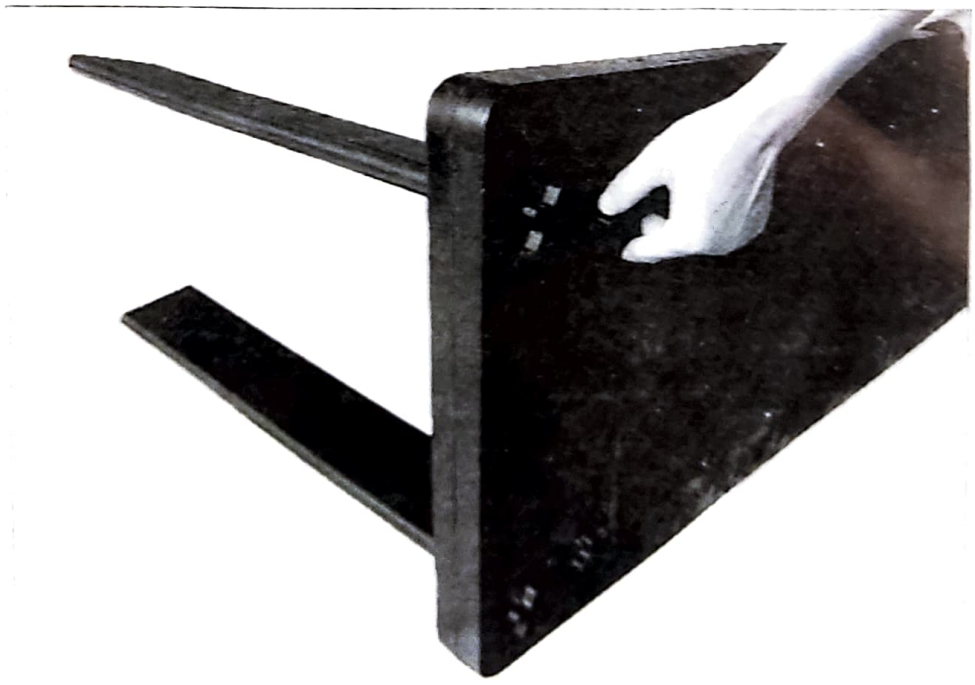




3、Install the crossbeam on the front and rear of detection panel separately as shown in the figure.

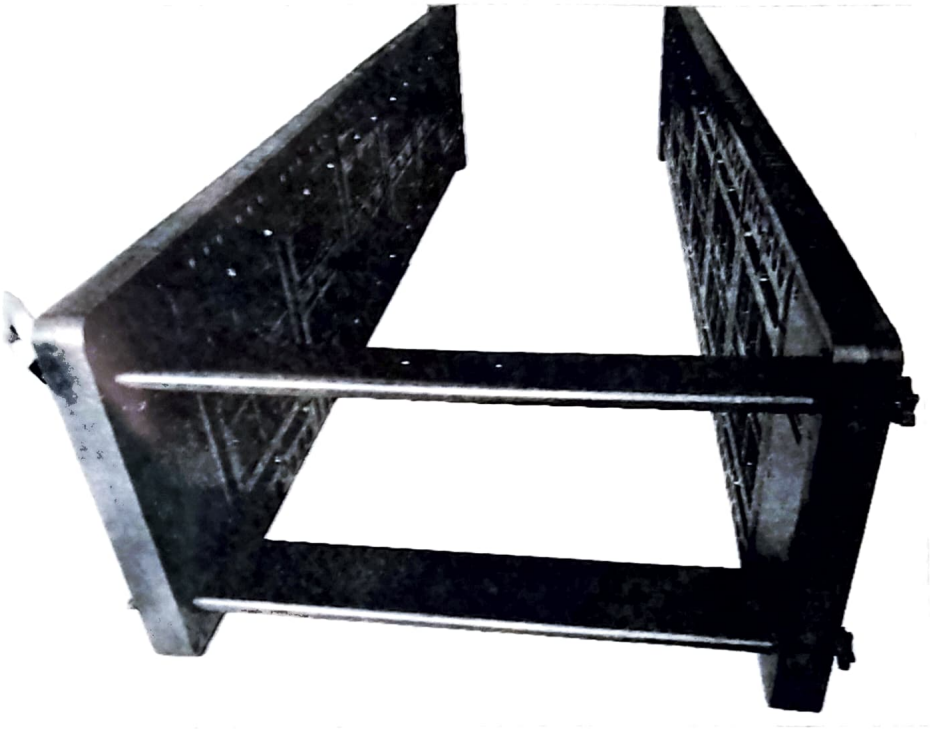


4、Fasten the crossbeam to the detection panel with a large screw, as shown in the figure.

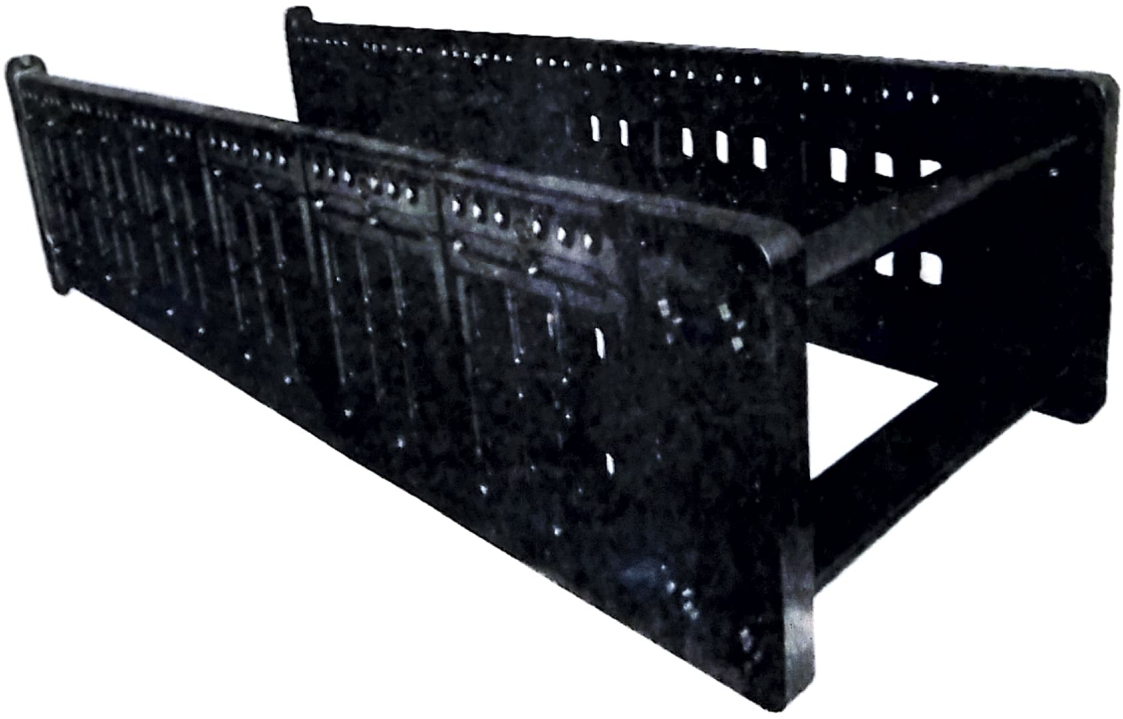


Installation Steps

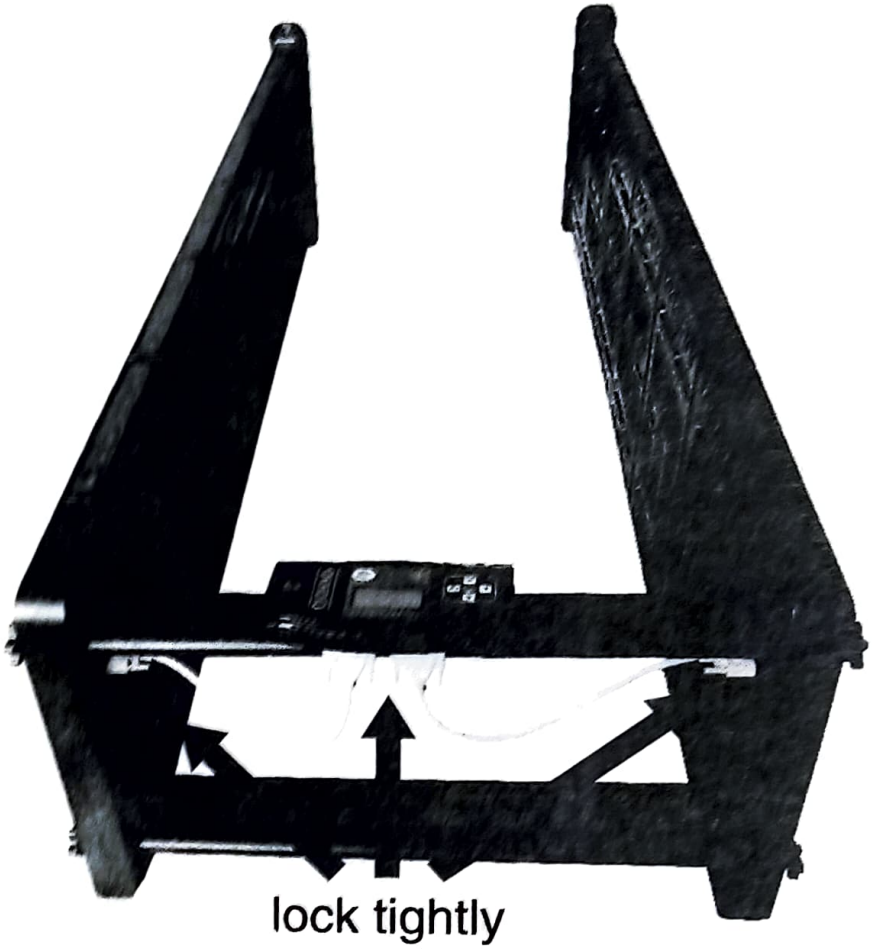
5、Fasten the left and right detection panels with the crossbeam, as shown in the figure



6、Use 8 large screws to fasten the detection panels with the crossbeam.

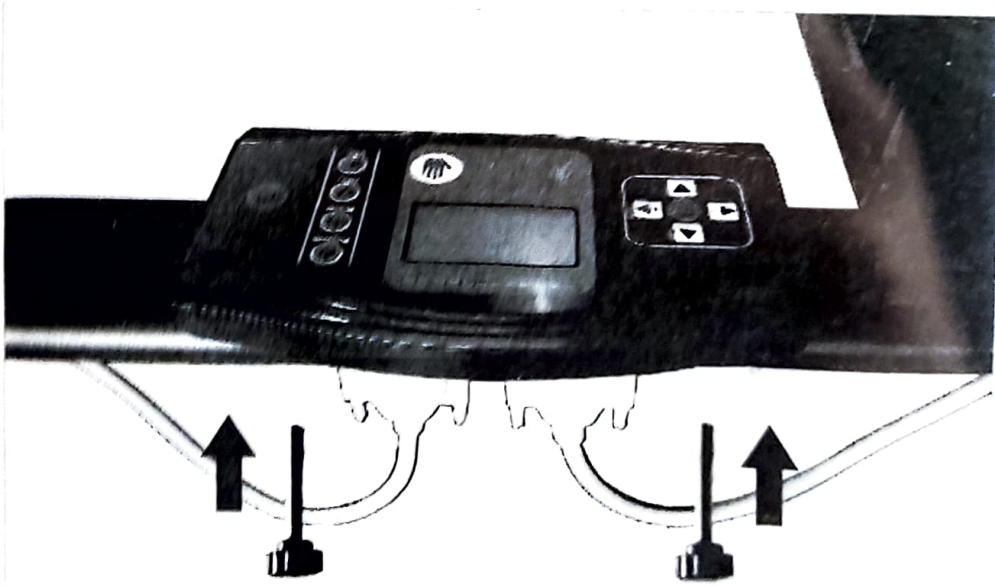


7、Place the unit control on the beam, and connect the cable to
panels on both sides to ensure that the connector is locked i



lock tightly

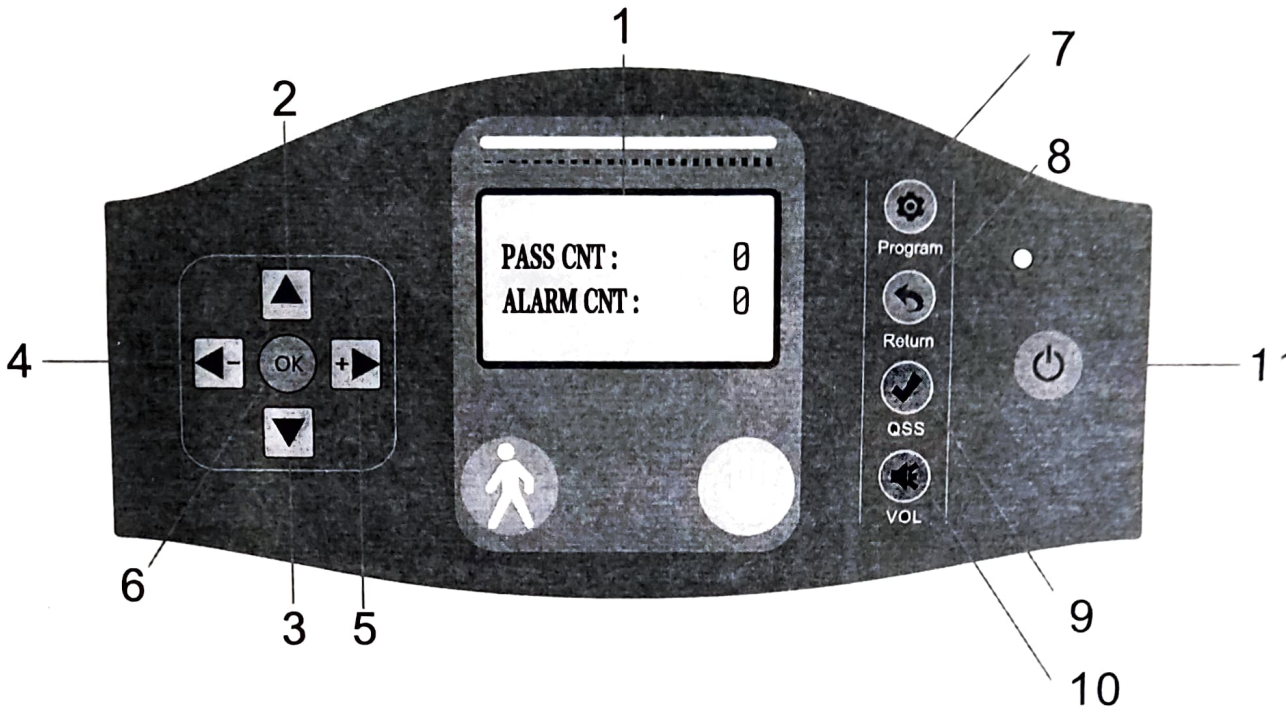
8、Fix the unit control to the crossbeam with 2 small screws,
in the figure.



9、After installation, the walk through metal detector should be erected smoothly, and the detection panels on both sides should be kept parallel and the installation is completed;Re-confirm that the two cables are securely connected before powering up as shown.

The right and left detection panels can be connected to the power cord

Panel Instructio



1、**Pass count:** Count the number of people who pass through the walk through metal detector.

Alarm count: Count the number of alarms

2/3、" ▲▼ " **Selection Key:** After entering the debug interface, press this key to select menu / functions

4/5、" ◀ − ＋ ▶ " **Debug key:** you can change parameters and settings while debugging

6、**OK key:** after each debugging, press this key to determine

7、**Setting key**: go to the debug interface

8、**Return key:** return operation

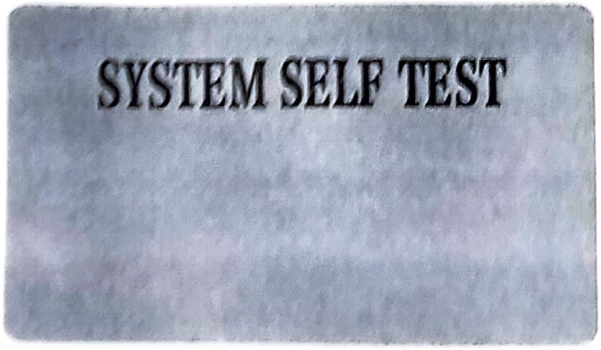
9、**Quick Adjustment key:** quickly adjust working parameters

10、**Volume key:** volume adjustment key

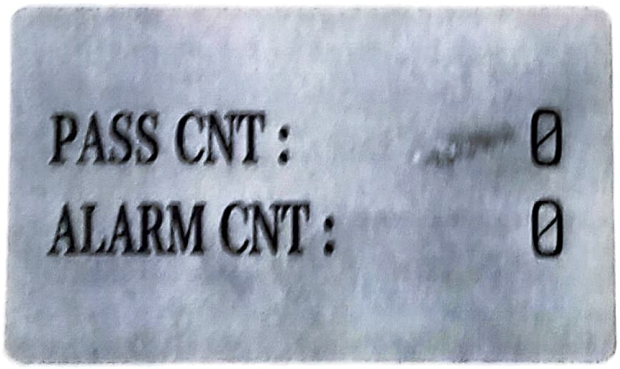
11、" **On/Off** " button: tap to turn on or off

A、Precise Debug

1、After power-on, enter the boot screen as shown:



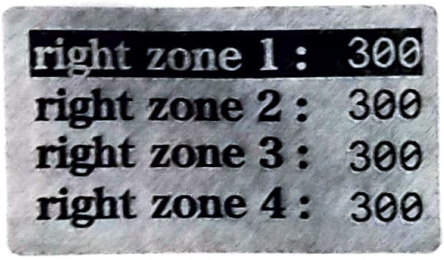
2、After the self-test is completed, the walk through metal detector is in normal working condition as shown in the figure:

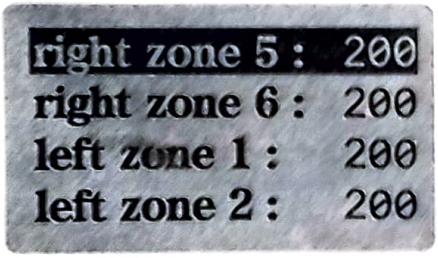


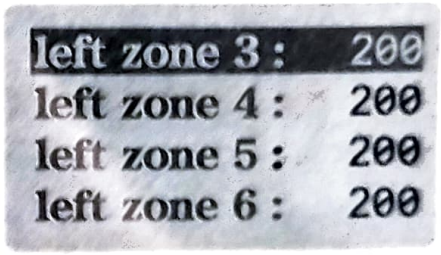
3、Press the "program" button to enter the password screen, as shown in the figure:

4、Press Setting key to enter the function settings interface, as shown in the figure:

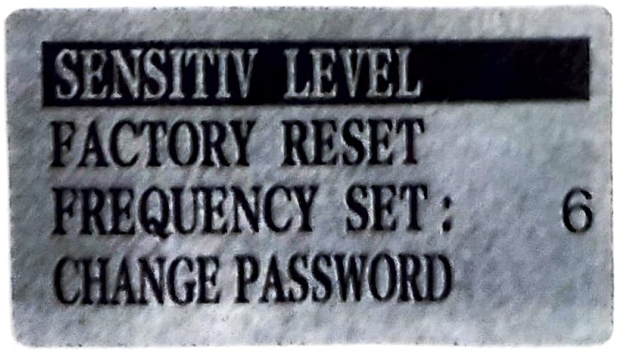
5、Press "Enter" to enter the left or right detection panel light display adjustment interface, press "◀ –" or "+ ▶" to set, as shown:

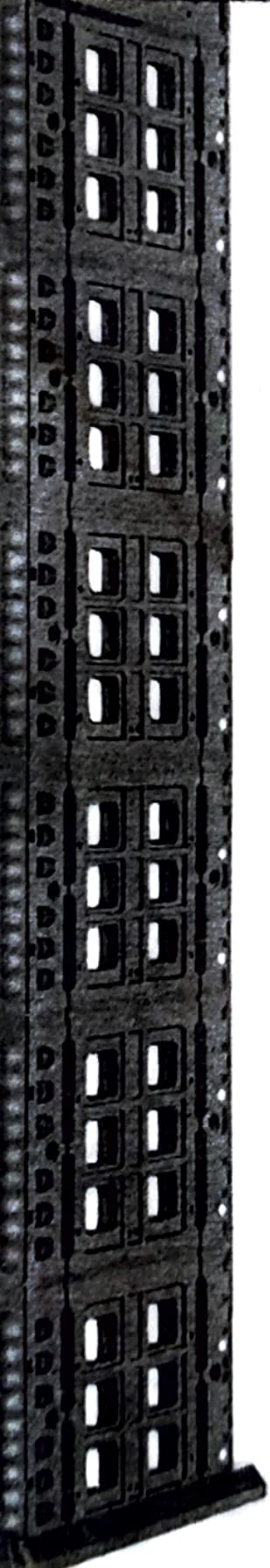




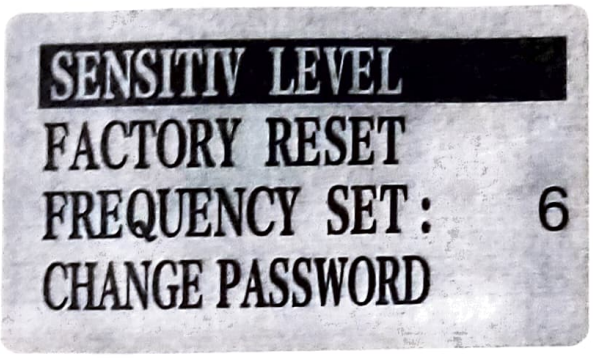


6、Press the "return" button to enter the function settings interface, as shown in the figure

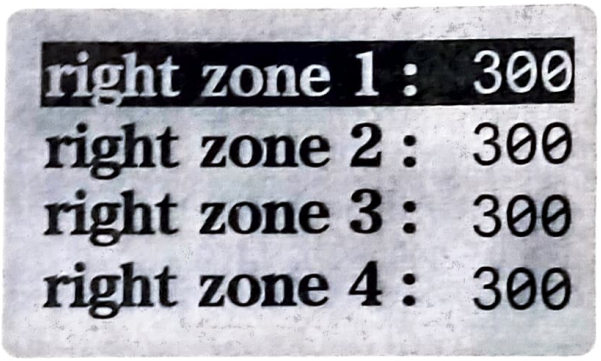




7、Press the button "▲▼"and switch to the sensitivity adjustment interface, as shown in the figure:



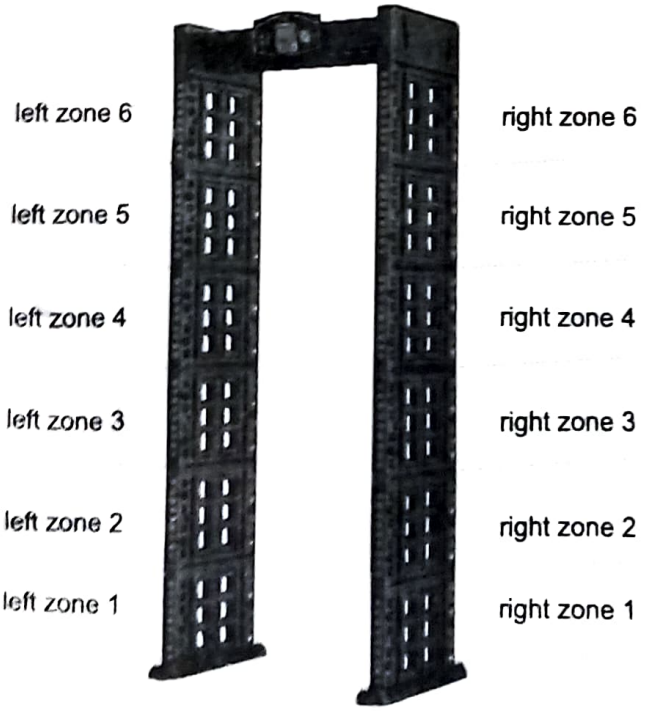
8、Press "OK" to enter the sensitivity adjustment interface, as shown in the figure:



9、The adjustment of the sensitivity of this walk through metal detector can independently adjust the six corresponding zones on the left and right sides, respectively, from bottom to top, from one to six zones.

a. Press the "▲▼" button to select any zone from left side six zones and right side six zones to adjust.

a. Press the "◀ – 、+ ▶ " button to reduce / increase sensitivity value.

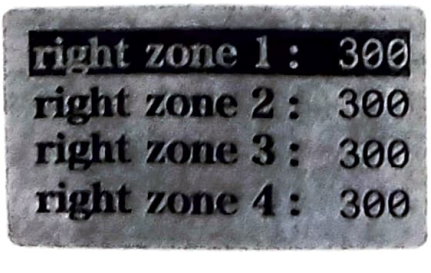


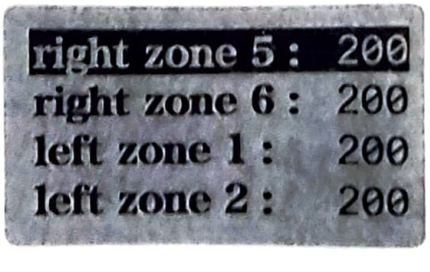
B、Factory setting

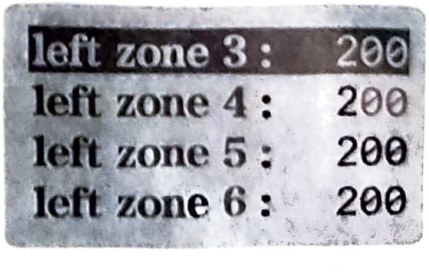
1、Press the program key to enter the function settings interface, as shown in the figure.

2、Press "▲▼"key, switch to the factory reset interface, as shown in the figure.

3、Press "OK" to enter the factory setting sensitivity parameter display interface, as shown in the figure:

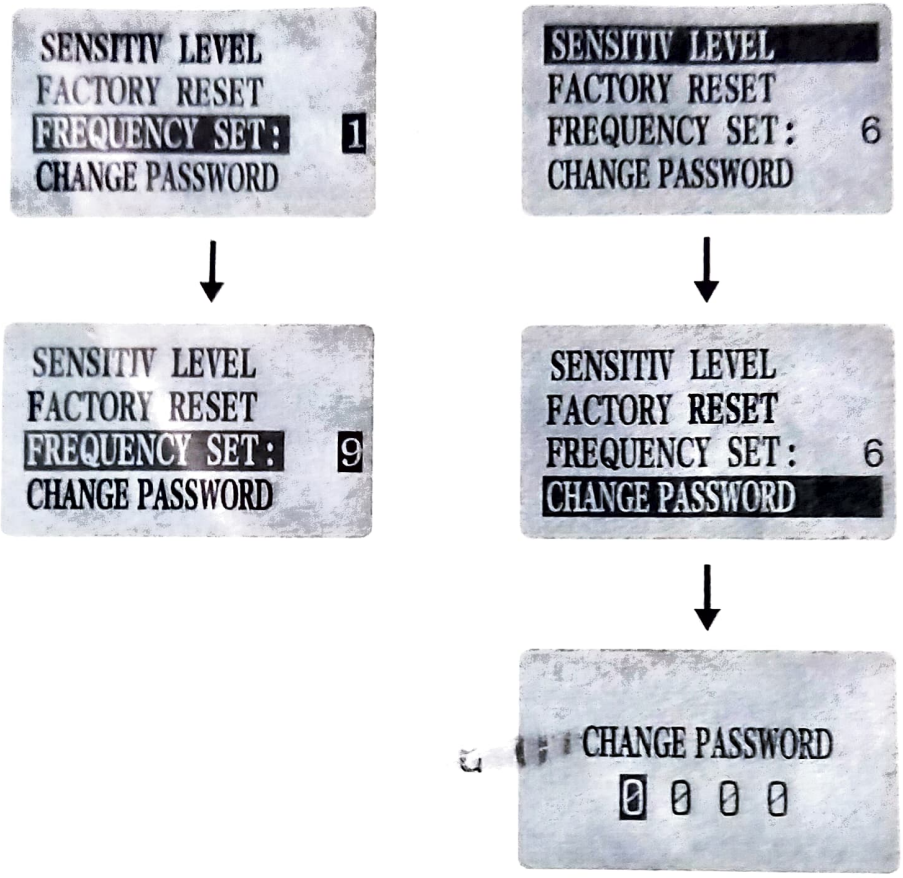




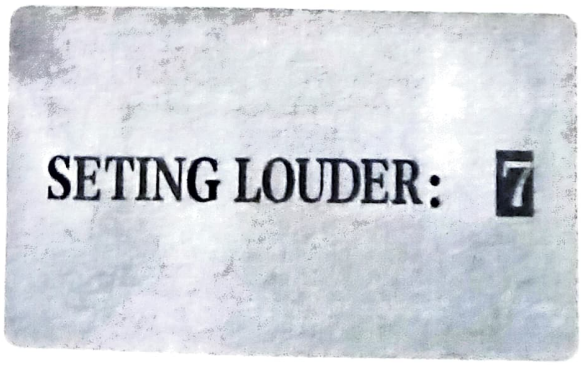


Adjustment

4、Repeat the "Program" , "▲▼" and "◀ –、+▶" keys to complete the following function settings as shown::



5、Press " Volume" Key and enter volume setting interface, press "◀ – " or " + ▶ " to set , as shown in the figure:

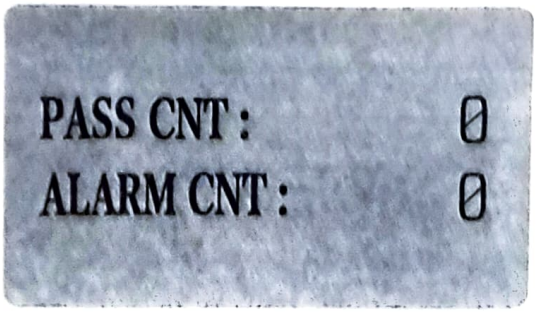


C、Quick adjustment

1、Press the Quick Settings button to display the password settings interface, as shown in the figure:

2、After entering the user password correctly, press OK to enter the state of automatic sensitivity, as shown in the figure::

3、Wait a moment, and when the setup is complete, automatically enter the working state, as shown in the figure:



After-sale Service

Should this product have unauthorized maintenance, we have a right not to provide services in line with this service commitment. Should this product be malfunctioned due to force majeure, or should there be any human injuries or product damages directly or indirectly due to negligence or misoperation, we will not bear any responsibilities.

We guarantee replacement in one month, repair in one year and lifelong services to save users' worries.

1. Replacement in one month: within one month after the product is purchased, we will exchange the product if there is any quality problems (except for intended damage), which have been identified by our technical department.
2. Repair in one year: you can enjoy our one-year repair free of charge only your warranty certificate is presented.
3. Lifelong service: we will provide you consultation, technical training, maintenance and repair, accessory sale and product upgrading during the service life of your product.
4. We will provide you turn-key services free of charge from installation to debugging.

The warranty period shall be valid from the date of issuing the product invoice. Should the last day of warranty period be a holiday, the warranty period will end at the next working after this holiday. The following are exceptions to our 3-R warranty:

1) Over the warranty period.
2) Damage caused by improper using, maintenance and safekeeping in breach of this product manual.
3) Damage caused by unauthorized disassembly and refitment.
4) Without valid 3-R warranty certificate or without valid purchase invoice.
5) The 3-R warranty certificate is altered by customer.
6) Damage due to force majeure.

The note statements below are used to notify you of correct operation. Please do read and understand it before you begin to read other parts in this manual.

1. This product is only applicable to indoor occasions; waterproof and sunscreen facilities shall be attached together in outdoor occasions.
2. Large metal or strong magnetic field shall be 2m or more distant from the gate to avoid interference; if there is any metal door around the application, the security inspection gate shall be 1000mm or farer away from the metal door (the distance depends on the size of metal door).
3. The application location shall be as far from power cables and communication cables as possible.
4. The probes shall never be installed in high temperature and humidity environment.
5. Laypeople are forbidden to take down or modulate the components on the electric control box. .
6. After starting, the security inspection gate shall conduct a self-test for 1 minute before giving a best performance.
7. The security inspection gate shall be installed on flat and non-vibrating ground and shall be prevented from human bumps.
8. Each security inspection gate is attached with a warranty certificate. It can be maintained free of charge within the warranty period.
9. Before the installation, distinguish left and right detectors (doors), and make sure the signal wires and zone displaying wires are inserted into their right places.

Routine Maintenance

1.Wipe dusts with wet cloth from the door surface every day; start/stop the security inspection gate in order way; make security inspection records;
2.Check the security inspection gate every week to ensure the security inspection more efficient and accurate
3.Remove dusts from the mainboard in the security inspection gate host every season to lengthen its service life
4.Check the gate performances every 6 months to adjust the sensitivity parameters, so the security inspection gate can stay in best performance

No part of this documentation may be duplicated in any form or by any means without the prior written permission of our company.