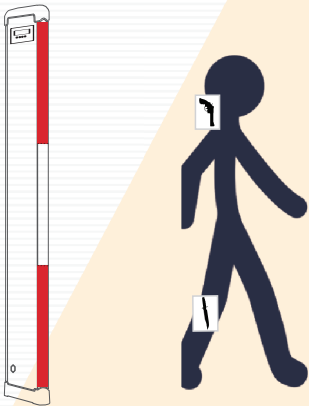


# Detection Zones Diagram of walkthrough metal detector

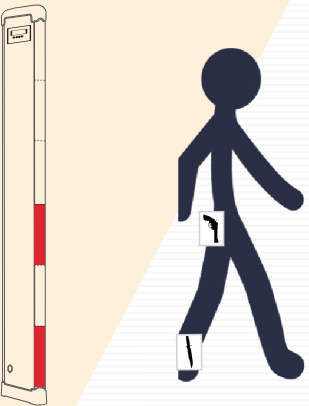
Muti-zone intelligent walk through metal detector

“

3 zones



6 zones



Note: mutiple zones will alarm at the same time when detecting metal object.  
So it is more precise to detect

”

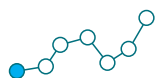


# “ INSTALLATION AND OPERATION MANUAL ”

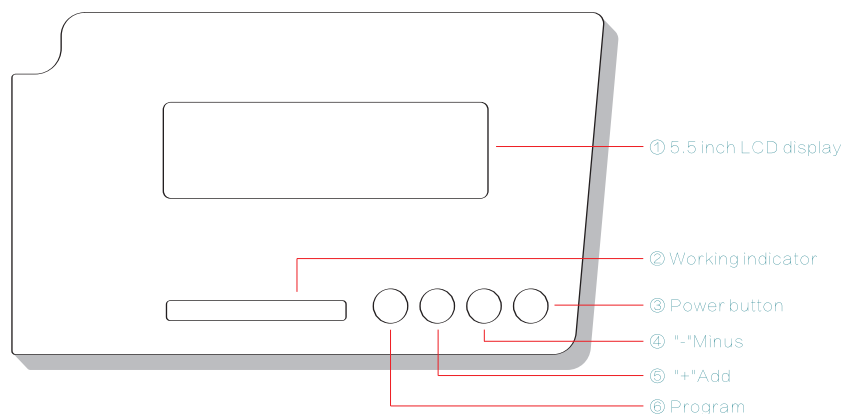
English Version  
VIME 20-18-1

SERVICE CARD





# Control Panel Settings



## Starting up

Click ③ Power button-starting up,then ① display: Pass counter, Alarm counter, The device entered the working state.

## Input password

Boot and press the program button , display "enter the password \*\*\*\*" , the initial password is P 0000, press ⑤ corresponding selection number (from 0 to 9 cycle), press ④ right shift bit digital tube(can cyclic shift, choose corresponding bit twinkle), if password fault , can't enter the system, need to re-input the password ,until the correct password, then press ⑥(program button) access the interface of setting specification.

## Revising password

press ⑥switch to "6.password setting interface",press ⑥(program button)enter the secondary interface ,enter the old password as prompted,then press ⑥(program button) to determine,inputting new password press ⑥(program button)save settings.



Product Certification is  
on Service card back





# Warranty Terms

## Article 1

In order to protect the legitimate rights and interests of consumers, clear and definite manufacturers, distributors, repair business of walk through metal detector for repairing, replacement, returning (hereinafter referred to as the three package) responsibility, according to <the product quality law of People's Republic of China >, < Consumer Protection Law of People's Republic of China > and the relevant laws and regulations , to Constitute this provision.

## Article 2

Walk through metal detection door is to point to consumer buy this kinds device for special security check.

## Article 3

In the territory of People's Republic of China ,walk through metal gate' s repairing, replacement, returning, shall comply with the provisions of this.

For walk through metal gate ,implement this principle who sell it will be responsible for the three pack.The three package is valid from the seller issued purchase invoice or the installation is calculated from the date of acceptance (the arrival of the goods a week because consumers unilateral factors cannot be installed or invoice, warranty period take effect after one week automatically) .The period of validity of three pack include whole machine,Main component and system quality guarantee period, Quality guarantee period of quick-wear part and other parts.  
During three package , if product exists problem of quality, consumers can contact the seller in by three package certification.accordance with the provisions of the replacement, return conditions, consumers with three bags of evidence, repair records, purchase invoices for replacement, return. Beyond the prescribed time limit

## Non three packs of responsibility

In the period of validity of the three pack, the seller, the manufacturer, and the repair merchant can prove that one of the following circumstances, does not bear the responsibility of the three package, but shall provide reasonable repair

- 1.Beyond the prescribed time limit
- 2.Transfer to other users
- 3.No valid invoices and three packs of certificates
- 4.The product brand, model, code and requirements on invoice or three package are not in conformity with product required

## After-service warranty card

Customer name \_\_\_\_\_ purchasing date \_\_\_\_\_  
Phone \_\_\_\_\_ purchasing ways \_\_\_\_\_  
Address \_\_\_\_\_  
Product name \_\_\_\_\_ Model \_\_\_\_\_  
After-service record \_\_\_\_\_  
After-service record \_\_\_\_\_  
After-service record \_\_\_\_\_  
After-service record \_\_\_\_\_

\*REMARKS\*



# Function Setting

## Level 1 menu ( Functional selection )

1

ADJUST SENSITIVITY

•Click tone sensitivity can adjust independently  
•The larger number, the higher sensitivity  
•The smaller number, the lower sensitivity



## Level 2 menu ( Spec setting )

1 Zone Adjust sensitivity - 200

2 Zone Adjust sensitivity - 200

3 Zone Adjust sensitivity - 200

## Level 1 menu ( Functional selection )

Press "▲▼" keyboard can select circularly at following functions

Function	
1、Sensitivity setting	1~12 zone (1~255)
2、Security level	1~100
3、Working frequency	1~16
4、Alarm delay	1~25
5、Scene setting	1 * * *
6、Revise password	Chinese/English
7、Language Setting	1~16
8、Alarm volume ( The size )	1~16
9、Alarm tone	1~16
10、Automatic frequency selection function	ON/OFF
11、PC networking	ON/OFF

## Level 2 menu (Spec setting )

At the corresponding function options interface (level I menu), PROG/ program button , enter the secondary menu. In the secondary menu, when setting parameters, press the "▲" button and the corresponding number "+"; press the "▼" button and the corresponding number "-".

Detector zone range is "1-12", Detector zone range is "1-12", Press "⊗" button to switch the zone, press "▲▼" adjust the size of the sensitivity, the higher the value, the higher the sensitivity.

Security level adjustment, the range is "01-100". Press "▲▼" button number switching, the smaller the number, the higher the sensitivity.

To avoid interference between doors and doors, each door can be set to different frequencies to avoid interference, the frequency range is "1-16" and press "▲▼" button to switch frequency.

The alarm time range is "1-25" seconds, press "▲▼" button to adjust the number of seconds.

According to different scene quick setting different sensitivity, convenient and quick. Press "▲▼" button select scenes.

According to the prompt input the old password first , and then input the new password that you need to change (please remember this password).

Press "▲▼" button to switch Chinese and English according to the environment and requirements.

Sound size adjustment, the range is "01-16". Press "▲▼" button to switch the number .

Alarm tone adjustment, the range is "01-16". Press "▲▼" button to switch the number.

Automatic frequency adjustment, press "▲▼" button to select open or close, and then the device will automatically select the appropriate working frequency.

Computer networking Settings, press "▲▼" button to select open or close.

Note: After completing each of the above settings, press the 'PROG' button to save and return to the superior menu, save settings.



Before revising device specification, please read this section carefully.



Note: when enter into next interface, spec value of last interface equal to the last operation value





## Product Introduction

### Product description

Muti-zone intelligent walkthrough metal detector with high performane,in the meantime ,it have higher sensitivity、light weight 、best resistance of interference and perfect stability. This model adopts high strength material、more lighter and convenient transportation and installation. With Fully modular product, assembly on flow line production,so can keep the stability of production. It is easy to operate with Intuitive interface. So can operate without any training.

Muti-zone intelligent walkthrough metal detector is widely used in athletic meeting,conference,school etc. This item is gotten shape patent,and achieve right of software registration. Its detection theory is to use electromagnetic field to detect metal object,and even detect Metal quantity by acousto-optic alarm mode. It consists of the main unit、HF signal generator、infrared sensor. It is most advanced metal detector gate with elegant shape、superior detection ability、muti-zone detection、unique operation network system、portable features.

### Technology advantages

- Adaptive system: when system enters into adaptive mode, it can adapt the testing standard
- The sensitivity of Each detection zone can be adjusted randomly ( with adaptive technology )
- Query function: the system with real-time information query function.
- Detection ability: at least detect 100 persons within one minute.

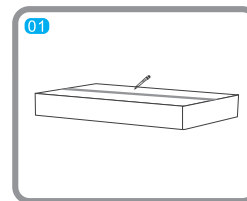
### Specification

- Detect object : contraband including mobile phone and metal
- Weight : net weight 21 KG, gross weight 24 KG;
- External size : 2185x430x 70 mm
- Passage size;
- Packing size: 2258x583x 163mm
- Volume : 0.21m³
- Working humidity: 99%,non-condensing
- Working temperature: -40℃-85℃
- Power supply: can equip with backup battery. Can choose different supply time from 8/16/24/48 hours(optional)
- Input: AC 110 V-240 V/50HZ-60HZ
- Output: DC 12 V/5A 12W

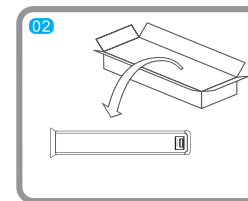
400mm door panel



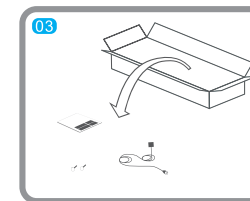
## Installation instructions



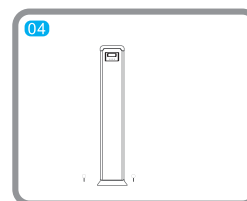
01 Please check whether packing is ok



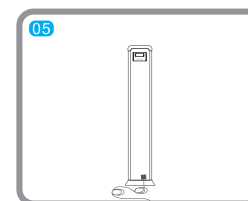
02 Take out door panels from door panel carton



03 Take out two expansion screws ,a power cord,a manual from the package



04 Stand up the door panel and put it where it needs to be installed,Then fix the door on the floor with expansion screws. (Avoid run down by human)



05 Connect power and device, then open starting up button, so device can work normally.



Please first read this section before installing device.



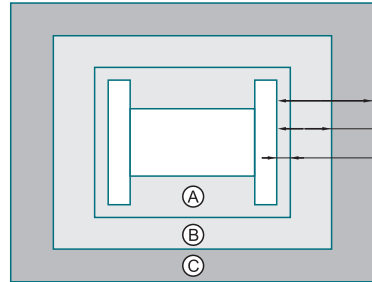
If need our technology supporting when installing and operating or setting specification,please call our service hotline. (refer to cover service card )

If have any doubt and advice regarding our product,please send email to our email adress. When we received your email,will reply you immediately. Appreciate your supporting and understanding.



#### Conductivity electronic interference

Connect the power cord to which is not connected to other large load (such as high-power motors, etc). They may result in a large power line or voltage shocks.



The recommended minimum distance between the interference source.

- > 0.5m-4m(20in-157in)
- > 0.5m-2m(20in-79in)
- > 0.1m(4in)

A: The distance between the fixed metal objects  
B: There must be no active metal objects  
C: There must be no electrical interference sources

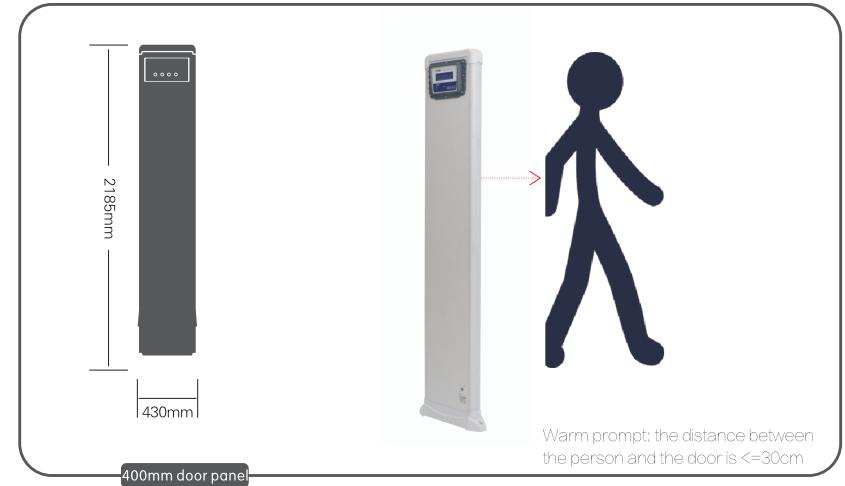
#### Multiple devices work side by side

Work side by side is to point to multiple devices work close to each other. When work side by side, Walk through metal detector will interfere each other in a certain extent. Interference level is decided the distance between the devices, working frequency, sensitivity.

There is many different working frequencys choosen for walk through metal detector,so can reduce the interference between device in order to work side by side.Please note,when work side by side ,all device should set different working frequency.

#### Before working, device setting

Operator passes through walk through metal detector with need to be detected metal. In the meantime adjust sensitivity and security level,so that achieve customer' s demands(note:factory standarder is that one yuan coin transversely pass and will exist alarm)



#### Application occasions

Walkthrough metal detector is used to detect metal object in the body.

Typical application occasions as following:

- Airport, port, travelling check point
- Court, visting checking point
- Conference, stadium, access control
- power plant , factory hotel, restaurant, entertainment, power venue, KTV

By research and practice of long terms, we published this style device. And it also is use advanced technology and 100% security. According to the manual operating,will not exist any damage for the person passing through device.



# Common Fault Handling

## FAQ deal

NO.	Fault name	Fault description	Check failure	Fault judgment	Maintenance Tools
1	Cannot-boot	Can't benormally used after installation and connect the power.	1.Check whether the power line between main chassis and the door panels has been plugged in with AC220V power cord. 2. Check whether the power cord is damaged, broken, poor contact, and the main chassis power supply is normal.	1.Motherboard fault 2.Circuit fault	Visual, Manual operation
2	Boot does not show	The LCD screen does not light Digital board is not bright	Check whether the motherboard connector panel is inserted properly.	Replace connecting line or display and digital board.	Visual, Manual operation
3	No count	The through number shows 0001 or 0000 or even not counting.	We picked up a phone, turn on the camera, the lens on the dot at the door will emit aglowing red dot, which means the infrared emission is normal, if not, the infrared is broken.	Replace the infrared component.	Visual, Manual operation
4	Disorderly alarm	It may appear automatic alarm when there is not staff through the detector.	1. Check the surrou ding environ ment, ortry to change the frequencies. 2. When the sunlight direct to the infrared component, it may also appear automatic alarm.	1. Replace the infrared component. 2.Change the installation location to avoid the sun.	Visual, Manual operation
5	Omission	There is no alarm when walking through the detector with metal.	Normally it is because the sensitivity is too low, try to increase the sensitivity of eachzone.	Debugging capturecard.	Visual, Manual operation

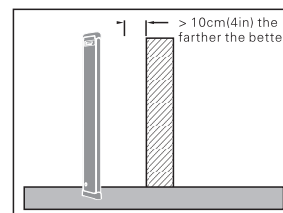


# Kind Attention

## Installation environment

### Shaking Ground

Ground should be flat, with a solid support, to prevent vibration. Especially when there is presence of vibration of the metal structure under the surface, people walk through the detector may cause unnecessary alarms.



### Fixed the metal objects

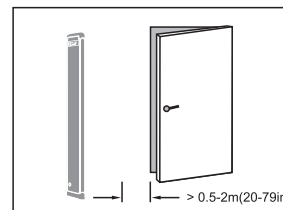
The distance between fixed or a large metal object should be at least 10cm (4in) away from the WTMD to detect large metals. It has little effect on the sensitivity, but it may make WTMD more susceptible to vibration.



The distance of this section is recommend distance, the actual distance should be decided upon the installation site conditions.

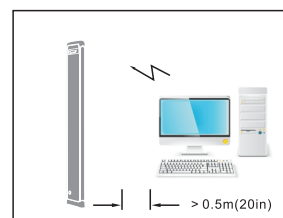
### The moving metal objects

The moving metal objects outside the WTMD should keep a distance of 0.5-2m (20-79in) away from the door, thus to avoid false alarms. According to the size of metal objects, the distance between metal objects and the WTMD may be different.



### Radiated electrical interference

The distance between electronic interference source and the receiving coil is the largest. The recommended minimum distance should be 0.5-4m (20-157in). However, the actual distance should be depended on the real conditions. For example, you can move the WTMD and the interference source to find the best position.



Please first read this section before installing device.

