Waterproof walk through metal detection door

user manual

Warranty Terms Description:

1.Users to buy products, non-human factors break down within one month, through the true identification with the company's quality, all the same model to provide a new replacement product.

2.Users to buy products,occur non-human factors break down,With the warranty card can be returned to the manufacturer providing free repair,or can be sent to the warranty institutions in domestic that our company set for free maintenance.

3.Since the products one year after purchase, the Company's products provide users to buy maintenance services for life, only charge the cost of components and accessories.

4.Except as specifically provided, the Company does not provide door-to-door maintenance services,door to door services, if needed, service charges extra.

5,The warranty card have to copies, the user after purchase of product, please timely feedback information to the head office or suppliers.

Product warranty card------------------------------Feedback

Product Name：---------------- Products Model：----------------
Products serial No：---------------- Date of purchase：----------------
Supplier name：---------------- Telephone：----------------
Supplier address：----------------
Customers Name：---------------- Contact Phone：----------------
Clients Address：---------------- Use of Place：----------------

Product warranty cards------------------------------for Customers

Product Name：---------------- Products Model：----------------
Products serial No：---------------- Date of purchase：----------------
Supplier name：---------------- Telephone：----------------
Supplier address：----------------
Customers Name：---------------- Contact Phone：----------------
Clients Address：---------------- Use of Place：----------------

CONTENT

Product Description

Through type metal detection door is a kind of inspection equipment with fixed installation,referred as walk through metal detector,mainly used to check metal object hidden in human body.When humans with the metals pass through the equipment, the door would alarm and show the alarm zones if the weight,quantity and shape of metal exceed the presetting figures of the door.It is good for security officer's checking for the prohibited items.

Application sites of Walkthrough Metal Detectors

1) Political Law Enforcement Agency:Public Security,Procuratorate,court, adjudication Division,Jail,Work Camp,Detention house,etc where need checking prohibited metal.

2) Social Public place:sports field, entertainment airport customs,bank,Exhibition hall,museums,etc,for security check,

3) Production Enterprises:factories of Electronic and hardware,etc to prevent the loss of values.

Test Report

Product Name		Product Model		Product No.	
Test Date		Ageing Time			

一、Function Test

1、Power witch		4、Alarming	
2.infrared function		5、Button	
3、Displaying		6.Outward Appearance	

二、Packaging Test

1 、 Packaging Integrity		3.Packaging Appearance	
2.Packaging Integrity		4.Product Identification	

三.Sensitivity setting

Zones Sensitivity \ Metal Detected			
Zone 1			
Zone 2			
Zone 3			
Zone 4			
Zone 5			
Zone 6			
Overall			

Checker：   Approve：

Technical

Operation Voltage：AC220V　50/60Hz

Power：≤35W

Signal Frequency：6-9KHz（adjustable）

Operation Temperature：-10℃——50℃

Storage Temperature：-25℃——75℃

Package weight: about75kg

Shipping weight：about 95kg（with wooden case）

Overall dimension：2200mm*750mm*500mm

Channel Size：2000mm*700mm*500mm

Technical Specification Description

1、 Accurate position: 6 overlapping detection zone, transmitting and receiving sides can be detected accurately locate objects, visual display of target position

2、 Microprocessor technology:the micro-computer controller,the electromagnetic waves generated scan, scan speed precision control, through the control panel settings as needed to ensure the sensitivity of the set have the flexibility, reliability and stability.

3、 Complex circuit design:scattering infrared devices, computer automatic identification can effectively reduce false and omissions

4、 Digital Pulse Technology:with digital signal processing filter systems,have excellent anti electromagnetic interference capability.

5、 Adjustable Sensitivity:0-99 sensitivity level can be adjusted independently in each detecting area as well as the overall sensitivity can be adjusted.

6、 Password protection: Only enter the correct password to change system parameters and sensitivity, password, users can set their own, in the case of forgotten passwords can also enter a universal password to unlock. System default password is 1234, universal password is 8888 or 8234.

7、 Application of modular design: easy installation,ruling out mistakes easily

8、 Strong anti collision capacity: strong ability of collision resistance and crashing when no humans passing through the door,which keeps it from external impact when in normal

operation

9、 Using of weak magnetic field emission technology: complying with current international safety standards,no pacemakers revolvers persons,pregnant women,floppy disks,roll film,video tapes,etc.

10、 Waterproof Function:This metal detector doors with water proof function. So it can work in a wet environment,can be bear a small amount of rain, but can not withstand heavy rain shower and soaking.

11、 Remote control function:all the system parameter setting and operation achieved through the remote control.the panel have not the buttons.

Products Install Steps

1、 Open the top cover of mainframe box

2、 Connect the mainframe box and detection pole on both sides with connection screw and screw cap

3、 Connect the data head of detection pole on the both side (left and right)with the data line interface in both sides of motherboard(left and right) respectively.Connect the power plug with power outlet on the right detection pole

4、 Connect the AC220V power plug on the detection pole.

5、 Connect the infrared interface.

6、 Cover the Botton of mainframe box and fasten the keys

Security Refence

1.   Complying with the current national standardGB15210-94 of through type metal detecotr

2.   Implementing the EN60950 safety standard of Electrical appliance, compling with GB2423.

3.   About radiation and anti-interference,implementing EN50080-1 and GB6833.

4.   About Electrical insulation and dielectric strength,implementing GB10408

Note & Caution

1,This products can use both indoors and outdoors, if used in outdoors,please do not long time insolation and can not withstand heavy rain shower and soaking.

2,No big metal object,such as power equipment with strong magnetic field within 1.5meter near the probe,which would have impact on the doors normal operations.

3,The installation site should be far away from the places with many electrical device and equipment to avoid the interference with the same frequency.

4,When passing through the door, human should not collide the door body and walking speed should not be too fast,one person /second would be ok.

5,No water or wet wipes to wash the door,clean the door with a cotton cloth in alcohol

6,High voltage in the mainframe box,non professionals should not open the equipment with permitted.

sensitivity to change the tens digital, press "A" key to single digits, after setting change press 'C' to the next area of sensitivity Settings, and setting the sensitivity of total 6 zones and the zone 7 (whole area's sensitivity) by above similar operation.
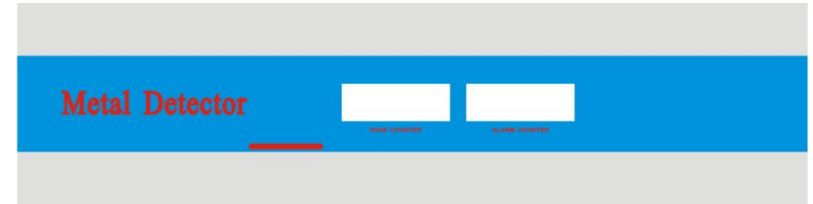
6. After setting up the whole area's sensitivity, press 'C', the panel shows 0000 d001; and press 'A', the panel shows 0000 _000 with short light flicker. This means the revised data is saved already. Press 'D' to enter into the standby working state.

Tips of System parameters

To avoid the little type carry-on metals,such as rings keys,belts buckles having impact on the check of actual metals,Please follow these steps:

1) Choose a little type metal as a sample,eg: a key ,which is regarded as the board of not let the door alarm

2) Set the sensitivity high to make the door alarm when the sample passes through

3) Set the sensitivity lower to just appropriate,until the door not alarms when the sample passes through.(The sensitivity can be adjust from 0-99)

4) If only changed in one zone sensitivity, then change the figure if this zone ,if the overall sensitivity needs changed,then change the figure on zone 7

5) If these little type metals should be checked,then carrying humans should take out them ,if the door still alarm, security officer may check according to the indicator with a handheld metal detector.

Display Panel instruction:

1、 LED display: The amount of people will be showed on the left of the LED display panel as 0000~9999, and will be showed the amount of alarm on the right of the LED display panel as 000~999.

2、 Signal light: there is a range of light for the signal strength indicator on the right of the panel. The signal lights are off when no metal pass; All the light are flicker with the alarm while some one pass with the metal. In the standby working state, the light will flicker if the condition interference is strength, and the detector can not work normally at the moment. It can only be in normal-work after all the lights are off.

The function of the Remote control keys:

As below:
A: Enter
B: Setup
C: Select
D: Reset

System parameters set up (It's only suitable for the operation of A type of walkthrough metal detector.)

Testing gradation:

Password setup, change and saving → Alarm setup → zone sensitivity setup → whole sensitivity setup → save the setup.

Sensitivity setup: the bigger figure presents the stronger sensitivity, and the smaller figure means the weaker sensitivity.

Operation instructions

1. The LED panel display zone shows 0000 1234 after pressing C, then press 'B' to revise the password with display 0000 _234

2. Enter in password position, press the "C" to enter the cursor position, then press the number "B" button on the cursor shift, press "C" button to enter Numbers, follow after 4-digits of the input password and press after 'A' into the system.

3. After the second step of operation, if password mistake with appearing 0000 E000 digital tip, input decryption password 8888 to continued, then press 'A'. Now if you want to revise the password and press 'C', then press 0000 1000 digital, and press "C" to change digital, click "B" button on the cursor, similar to the operation as a password, After the modification before pressing "A" key, if A password is correct, appear 0000 D001. (Note: if you do not need to advise the password revision, the underlined operation can be omitted)

4. After appear digital 0000 d001, press 'B' to set time of alarm, d001 says the shortest alarm time, d002 says normal alarm time, d003 says the longest alarm time.

5. After setting the alarm time, press 'C' shows 0000 10XX, the sensitivity of zone 1 can be set up by (0-99), press "B" to change the