



Newest Version 5.2V

## Portable Single Panel Bilateral Walk-through Metal Detector

Cross Beam  
Walk Through Metal Detector

INNOVATION

Advanced US Arsenal  
technology; unique  
exterior design; flexible  
component connection;  
simple and quick  
disassembly; excellent  
waterproof  
performance; built-in  
various detection  
procedures, to meet the  
needs of different  
occasions; simple  
operation and complete  
portability; it is a major  
undertaking of the  
security industry.

INNOVATION



# Portable Single Panel Bilateral Walk-through Metal Detector

Modular product Easy to maintenance /

Special material High-intensity & lightweight

Production line assembling Ultra high precision

The single panel detector solves the problem of two-way passage, and the detection can be achieved in a narrow passage, which reduces the area of the traditional security door by 50%.

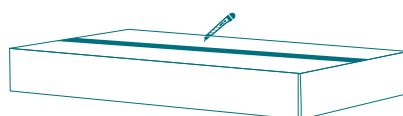
Portable Single Panel Bilateral Walk-through Metal Detector is a kind of high performance security door. This security door breaks the appearance of traditional security door, which is innovative. The product has the characteristics of high detection sensitivity and stable performance when detecting the personnel within the required detection distance. The product uses high strength special material, the texture is very light, easy to transport and install. With modular design, the product is assembled in production line which can well ensure the stability. At the same time, it has the characteristics of intuitive operation interface and easy to use which anyone can operate without any training.

Portable single panel bilateral walk-through metal detector is widely used in sports, meetings, schools and other occasions.

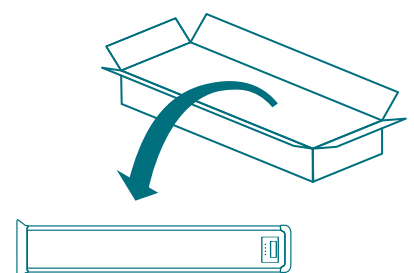
This product has obtained several appearance and structural patents and got the software system registration right. And uses electromagnetic field to detect the structure of the metal object on human body. If the metal objects of the passer exceed a certain amount, it will make sound and light to alarm. It is made of the monitor, high frequency signal generator, signal receiver and infrared sensor. With beautiful appearance, strong metal detection ability, multiple detection zones, unique Internet remote operation management system, lightweight, waterproof characteristic, the product is in the forefront of the metal detector market.



Portable Single Panel Bilateral Walk-through Metal Detector



1



2



## Leading Technology

- Multiple detection zone technology: 1, 3, 5, 6, 9 and 11 detection zones can be switched according to needs and intelligent partitioned. (more detection zone upgrade is available)
- Working frequency band: Ultra-wide work frequency band ( 0~100 ), with adaptive function according to working environment.
- Sensitivity of detection zone: The sensitivity of single detection zone can be adjusted up to 255 grade.
- Adaptive diagnosis system: When the product turns on, the system will check the working status of hardware automatically which escorting your using.

## Product Advantage

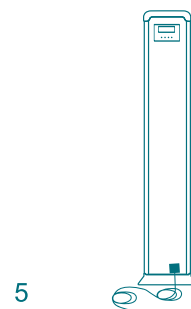
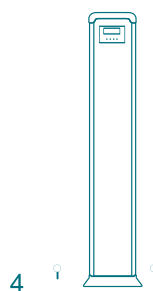
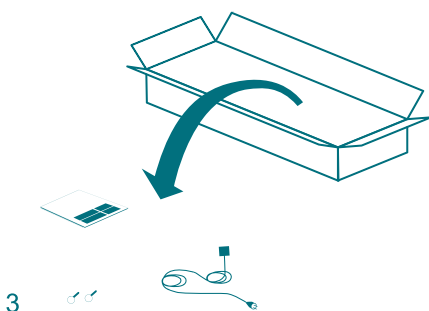
- Self-adaptive adjust system: the detection standard can be self-adaptive when entering the debugging system.
- Start and stop technology: infrared device is with automatically start-stop technology which extended the using life span 100 times.
- The sensitivity of each detection zone can be adjusted at will. (with adaptive adjust technology)
- Detection zone can be divided by operator. (the numbers of detection zone can be programmed )
- Alarm sound, light, tones and time can be adjusted at will.
- Query function: the system has real time information query function.
- Detection ability: more than 100 people in 1 minute



Equipped with high solution LCD screen  
High-end intelligent portability design

## Technical Parameters

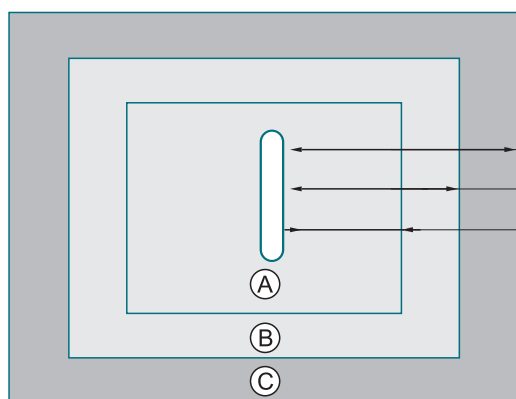
- Detection objects: prohibited goods such as mobile phone and metal
- Vertical dimension: 2200x430x70mm
- Passage dimension:  $\leq 10\text{cm}$  ( the distance between people and door)
- Package dimension: 2250x590x170mm
- Working humidity: 99%, no condensation
- Working environment:  $-20^{\circ}\text{C} \sim 85^{\circ}\text{C}$
- Power supply type: equipped with polymer battery, which life time can be 8, 16, 24 or 48 hours. (optional)
- Input: AC 100V~240V / 50HZ~60HZ
- Output: DC 12V/4.2A 12W
- Weight: N.W.: 19KG, G.W.: 26KG





## Conductive Electron Interference

Connect the power cord to a line that is not connected to other heavy loads (such as high power motor etc.). Because they can cause large power or voltage surge in the line.



Recommended min distance from the interference source.

> 0.5m-4m(20in-157in)

> 0.5m-2m(20in-79in)

> 0.1m(4in)

A: the distance from a fixed metal object

B: no movable metal objects in this area

C: no electronic interference sources



When the product fails to work due to the electronic interference, please inspect the device according to the "installation environment" section of the manual. If the interference cannot be handled still, please contact us in time.

## Working Status Display



■ Power off



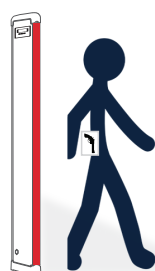
■ Stand by mode



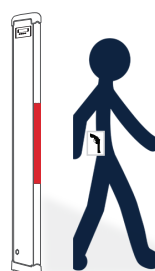
■ Walk through



■ Alarm



1 zone



3 zones



5 zones



## Special Functions



- Quick setting for application scenarios  
The device is equipped with 72 kinds of working scene setting data, which is convenient for users to switch at any time and adapt to various kinds of detection needs.



- Ultra-long battery standby life  
Equipped with polymer battery which is convenient for outdoor and temporary security check with life time 8, 16, 24, 48 and 72 hours to choose. ( optional )



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- Use multiple panels side by side  
The product can be used side by side which will make detection more precise.

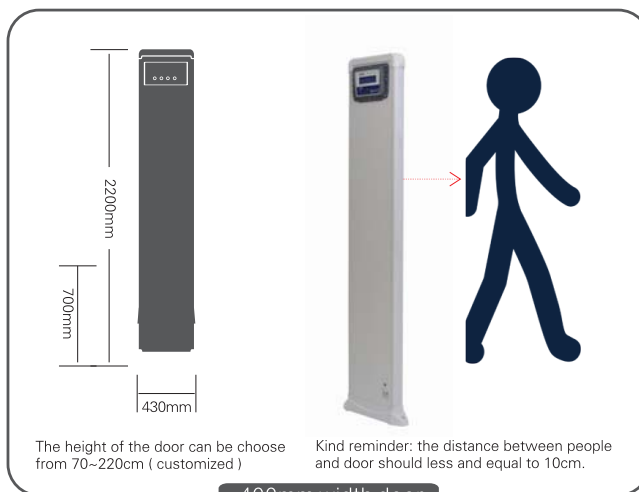


-20℃



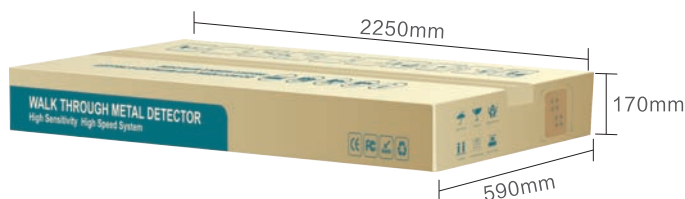
85℃

- Anti-high and low temperature design  
Working normally at the environment temperature of -20℃ to 85℃. ( customized )



400mm width door

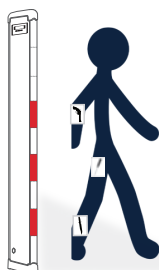
## Packing Specifications



Packing dimension: 2250x590x170mm  
Volume: 0.22 m³  
N.W.: 19KG  
G.W.: 26KG



6 zones



9 zones



11 zones

Multiple zones can choose from 1/3/5/6/9/11 zones and so on ( customized )

