



Newest Version 5.2V

## TAK-S400 High Precision Series Cross Beam 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

## TAK-S400 High Precision Series

### Cross Beam Walk Through Metal Detector

Modular product Easy to maintenance  
Special material High-intensity & lightweight  
Production line assembling Ultra high precision

It is a high performance walk-through metal detector with high sensitivity, waterproof, light weight, anti-interference and stability. 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.

400 high precision series walk through metal detector is widely used in sports, meetings, schools and other occasions.

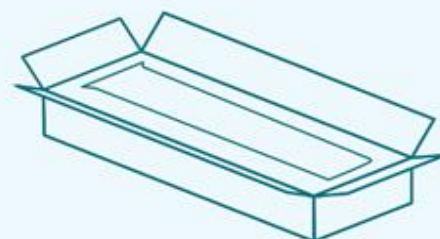
This product has obtained several appearance and structural patents and got the software system registration right. And uses electromagnetic field to detect the structure of the metal object on human body. If the metal objects of the passer exceed a certain amount, it will make sound and light to alarm. 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.



400 series Cross Beam Walk Through Metal Detector



1



2

## Leading Technology

- Multiple detection zone technology: 8, 16, and 24 detection zones can be switched according to needs and intelligent partition. (more detection zone upgrade is available)
- Working frequency band: Ultra-wide working 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.
- Mobile Internet technology: Realized remote control of mobile APP, no distance in the world.
- Adaptive diagnosis system: When the product turns on, the system will check the working status of hardware automatically which escorting your using.



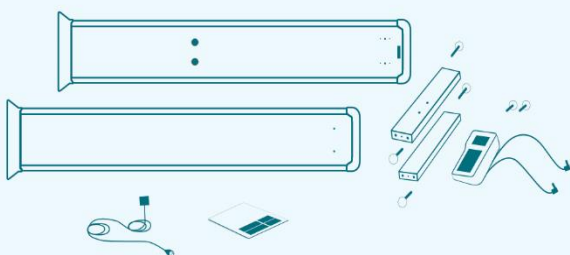
## Product Advantage

- Self-adaptive adjust system: the detection standard can be self-adaptive when entering the debugging system.
- Start and stop technology: infrared device 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

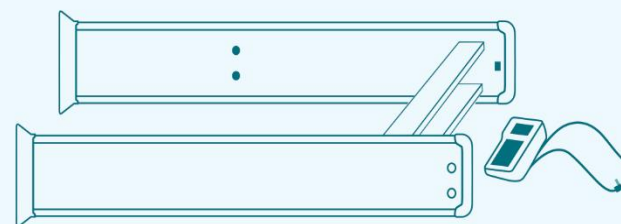
Equipped with 7 inch high solution LCD  
High-end intelligent portability design  
(Touch function)

## Technical Parameters:

- Detection objects: prohibited goods such as mobile phone and metal
- Vertical dimension: 2200x850x430mm
- Passage dimension: 2000x720x430mm ( width can be customized 720 ~ 1500mm )
- Package dimension: 2270x700x230mm
- Working humidity: 99%, no condensation ● Working environment: -20°C~85°C
- Power supply type: equipped with polymer battery, which life time can be 8, 16, 24, 48 or 72 hours. (optional)
- Input: AC 100V~240V / 50HZ~60HZ ● Output: DC 12V/4.2A 12W
- Weight: N.W.: 43KG, G.W.: 48KG



3



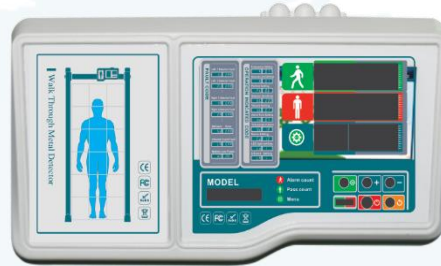
4

## Functions To Choose:

In order to meet more requirements of our customers, this device is equipped with many humanized functions for them to choose. For example: 7 inch LCD, digital tube display, face identification, temperature measurement and photo system, computer networking, mobile phone APP cloud management system and more functions which can be opened as required.



● 7 inch LCD ( standard configuration )



● Digital tube display ( optional )



● Face identification/ temperature measurement / photo system ( customized )

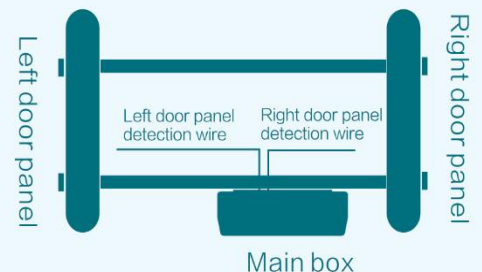


● Computer networking, mobile phone APP cloud management system ( optional )

## Product Upgrade Comparison



5



6

## Special Function



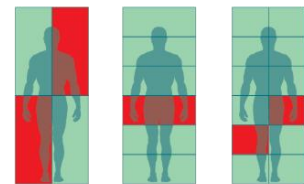
Rain Cover

- **Outdoor Semi-rainproof Type**  
Equipped with special rainproof cover (optional), which can work normally in light rain.

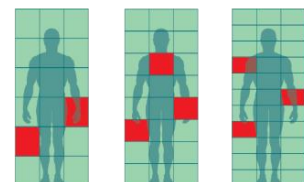


- **72 Quick Settings For Application Scenarios**

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.



4 Zones 6 Zones 12 Zones



18 Zones 24 Zones 33 Zones

- **Multiple detection zones can choose**

1/4/6/12/18/33 Zones (customized)

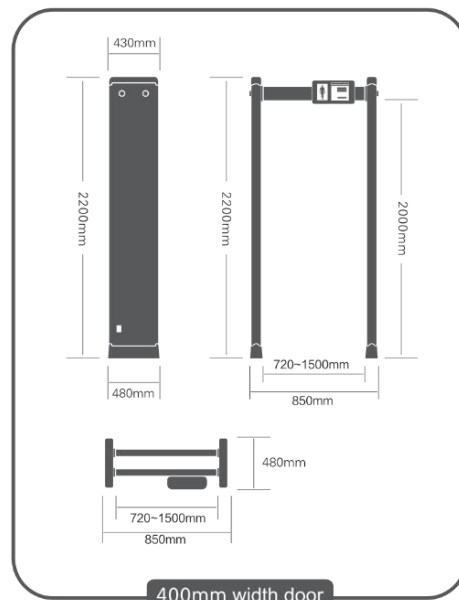


-20°C  
85°C

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



- **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.



400mm width door

## Packing Specification

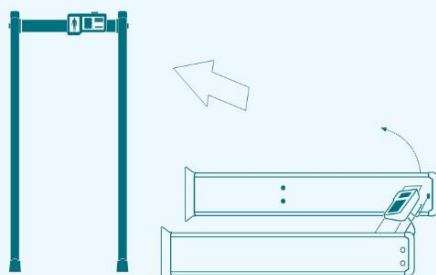


Packing dimension: 2270x700x230mm

Volume: 0.378m<sup>3</sup>

N.W.: 43KG

G.W.: 48KG



7



8