



## **Intelligent Walk Through Metal Detector gate**

**Model No:AT-1088A**

**6/12/18 zones (optional)**

Intelligent security gate adopts industry's most advanced digital integrated circuit with ultra high sensitivity, strong stable performance, the ultimate detection accuracy, accurate detection of 0.1g metal (iron sheet transverse) no radiation, no radiation, electromagnetic medium harmless, has advanced production technology, its performance significantly improved. To produce small eddy current of metal and nonmetal with electromagnetic induction capacity can be enlarged, under the premise of optimizing the detection performance of the detection result in the interference factors of instability phenomenon, we are in the process and circuit design has made a great breakthrough and improvement.

## Highlight Features

- ★ Real-time adjustment of microcomputers in intelligent magnetic field correction system (magnetic field never degenerate)
- ★ The intelligent detection of the peripheral frequency can be automatically or manually adjusted (with thousands of types. Electronic products do not interfere with each other at the same time (for 2 thousand groups of frequencies)
- ★ Intelligent working mode detection zones selection: **6 zone 12 zone 18 zone (optional or switch)**
- ★ Intelligent motherboard software can be upgraded with a variety of equipment
- ★ Optimization of blind area for dynamic detection of hand and foot (anti leakage)
- ★ Intelligent waveform detection system (no magnetic line of force can also alarm, needle Leakage of non-magnetic metals in security doors, complementary waveform scanning)
- ★ Intelligent sound and light alarm, adjustable volume, and the light can be displayed on the left or right side of the metal.
- ★ Four column LED display, (two-way control)
- ★ Intelligent 8 bit encrypted remote control to ensure security of security parameters (specified authorization)

Main host display: four sets of integrated systems for main control board to be superior sensitivity and accuracy



## Technical parameter

Model No.	AT-1088A
Vertical dimension	2230x860x610mm
Vertical channel size	2010x700mm
Main host packing size	755X340X210mm
Door frame packing size	2290x630x180mm
Net weight	90KG
Gross weight	95KG
Working voltage	AC90V~240V 50 / 60Hz
Power	35W
Working frequency range	7000-8999 HZ
Working environment temperature	-40℃~85℃
Installation environment	(W)100cm* (L)200cm (no metal in this range)
Location detection metal precision	Maximum sensitivity ≥ 0.1g metal

### Produ

## Technical standard

Electrical appliances refer to EN60950 safety standards	Ok
Radiation reference to EN50081-1 standard execution	Ok
Anti-jamming reference EN50082-1 standard execution	Ok
Implementation (GB15210-2003) version of the metal probe gate standard	●
Enterprise certification through ISO9001:2008 quality management system	●
Enterprise through OHSAS1 8001 occupational health certification	●
Enterprise through ISO14001 environmental management certification	●
CE certification through EU	●
FCC	●
ROHS	●

## Product Function

- ◆ **Detection accuracy:** the highest sensitivity in the middle of the door to detect a pin (or 1/2) and on paper clips, not missing, can be excluded, leather belt buckle, effects of bras and other items to detect more than 150 grams of copper, aluminum, zinc and other precious metals or knives and guns
- ◆ **Anti-jamming design:** according to the surrounding environment, the frequency is set automatically to avoid interference, and the multiple doors are close together when working side by side, and there is no effect on the detection performance.
- ◆ **Detection zones display:** the product is divided into 6 zones, 12 zones and 18 areas, which can be switched to each other, and the suspicious objects can be displayed accurately in each area.
- ◆ **Frequency setting:** 11 frequencies can be set automatically, different ringtones are set at different frequencies, and manual settings can be set, 7000-8999HZ is set arbitrarily
- ◆ **Sensitivity adjustment:** sensitivity can be adjusted according to needs, and there are 400 levels of sensitivity in each zone.
- ◆ **Statistics:** the number of people and the number of the alarm can be detected accurately by the two sides to the infrared.
- ◆ **Four side positioning lamp:** the four side of the door has a LED lamp, which can intuitively display the area of the prohibited items through the positioning lamp, and the angle of view can reach 360 degrees.
- ◆ **Sound and light alarm:** 9 types of alarm sound can be selected, each paragraph has 8 tone adjustable, alarm time can be adjusted.
- ◆ **Panel display:** LCD display, switch between Chinese and English menus
- ◆ **Shockproof design:** the global original earthquake proof design, in the wind or the artificial sloshing will not be misreported
- ◆ **One key set:** built-in smart chip, store a variety of places to recommend detection sensitivity setting value, convenient for users to choose quickly.
- ◆ **Door material:** the appearance of PVC, and the international big brand of the same material, beautiful, generous, Fire prevention, corrosion prevention, moisture proof and collision prevention, non deformation.
- ◆ **Remote control operation:** using remote control to set parameters, parameters can be protected by password, non authorized personnel can not operate
- ◆ **Network management:** the reserved communication interface, the wearer of the heart pacemaker, the pregnant woman, the magnetic medium and so on