

# 18 Zone Door Frame Metal Detector TWD-2618



TWD-2618 is a high-performance 18-zone Door Frame Metal Detector designed to deliver accurate, reliable, and efficient security screening for high-traffic environments. Equipped with advanced digital signal processing and dual infrared detection technology, it provides precise target localization with adjustable sensitivity across 18 independent detection zones.

Featuring intelligent alarm statistics, bright LED zone indicators, and audible alerts, the TWD-2618 enables fast and effective threat detection while minimizing false alarms. Its anti-interference design, user-friendly operation, and safe electromagnetic performance ensure reliable screening without affecting pacemakers, pregnant women, or magnetic storage devices.

Quick 20-minute installation and robust construction, the TWD-2618 is an ideal security solution for airports, government facilities, educational institutions, industrial sites, stadiums, and other critical infrastructure.

## Technical Specification

|                        |                                                                                                                                                                                                                                                                                                                           |
|------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Outer Frame            | 2250mm(H) x838mm(W)x495mm(D)                                                                                                                                                                                                                                                                                              |
| Inner Frame            | 2000mm(H)x724mm(W)x495mm(D)                                                                                                                                                                                                                                                                                               |
| Electrical Current     | AC100V~240V 50/60Hz                                                                                                                                                                                                                                                                                                       |
| Power                  | 10W                                                                                                                                                                                                                                                                                                                       |
| Signal Frequency       | 7000-8999Hz(adjustable)                                                                                                                                                                                                                                                                                                   |
| Work Environment       | -20°C to +45°C                                                                                                                                                                                                                                                                                                            |
| Sensitivity Adjustable | Level 0-299                                                                                                                                                                                                                                                                                                               |
| Alarm                  | Sound and light                                                                                                                                                                                                                                                                                                           |
| Max Distance           | 0.3m at low sensitivity;0.5m at high sensitivity                                                                                                                                                                                                                                                                          |
| Sensibility            | With the highest sensibility, it can detect the metal article as small as the clip. With the sensibility range of 0-100, it can be easily adjusted, pre-set the weight, volume, size and location in respect of the metal Articles and eliminate the false alarming for the coin, key, jewelry, leather belt button, etc. |
| Infrared Counting      | The intelligent counter can calculate the number of Passenger flows and the times of alarm.                                                                                                                                                                                                                               |
| Detecting areas        | Allocation of eighteen mutual over-lapping detecting areas, Simultaneous alarming from multi-areas and accurately ascertaining the location Of the metal articles according to the layout of the metal particles                                                                                                          |
| Operating temperature  | 5°C ~ 40°C                                                                                                                                                                                                                                                                                                                |
| Operating Humidity     | 0%-90%(non-condensing)                                                                                                                                                                                                                                                                                                    |
| Storage temperature    | -20°C ~ 55°C                                                                                                                                                                                                                                                                                                              |
| Storage Humidity       | 0%-98%(non-condensing)                                                                                                                                                                                                                                                                                                    |
| Operation Power        | 220VAC(±10%) 50±3Hz (Optional 100VAC,110VAC,120VAC,200VAC)                                                                                                                                                                                                                                                                |
| Battery Backup         | Optional                                                                                                                                                                                                                                                                                                                  |

## Application



Airport



Railways



Defense



Education



Hospital



Government



Office

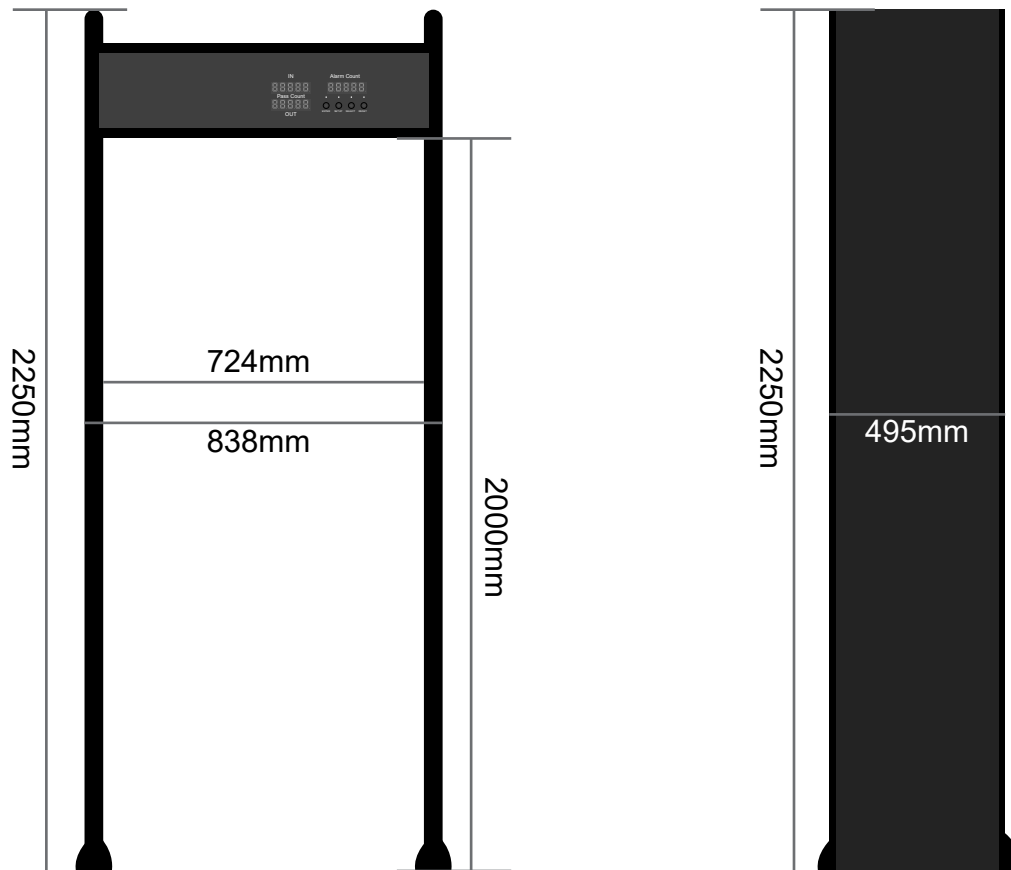


Bank



Retail

## Dimension Drawing



**Disclaimer :** All pictures shown are for illustration purposes only. The actual product and color may vary due to product enhancement. The brief specification is mentioned and may change without prior notice. Please consult us before placing any order.