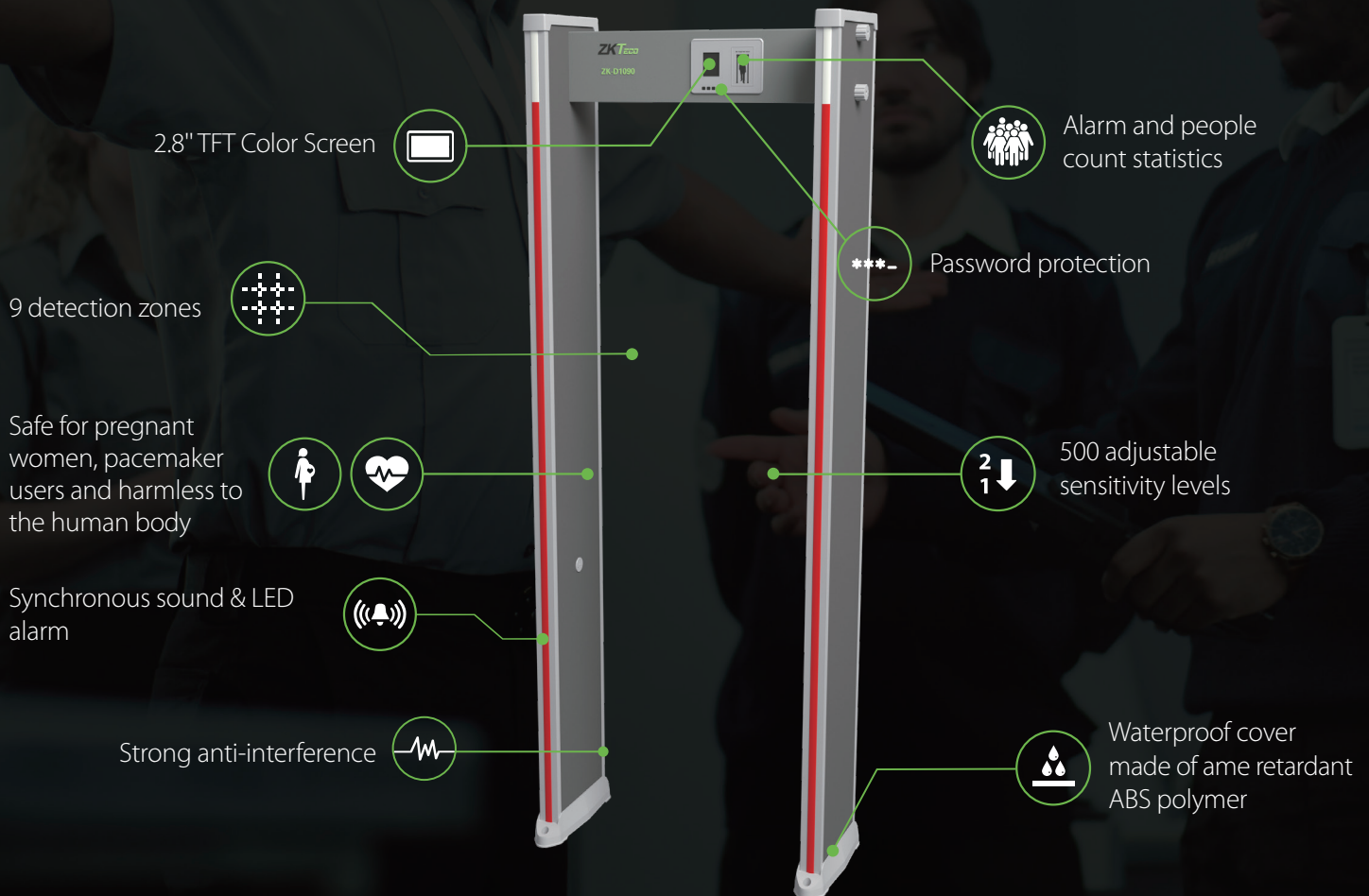


# ZK-D1090

## Cost-effective Walk-through Metal Detector with 9 detection zones

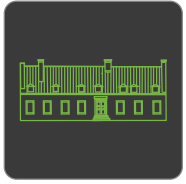


### Introductions

ZK-D1090 is a cost-effective walk through metal detector designed for human security screening. Featuring 9 detection zones with 500 adjustable sensitivity levels, it offers good accuracy to detect small threats while ensuring safe operation for the human body.

ZK-D1090 provides synchronized LED and audio alerts when contrabands are detected. Also, the anti-interference technology and high throughput make it for securing high-traffic areas such as schools, public venues, and corporate entrances.

## Applications



Exhibition center



Government office



Electronic factory



Prison



Finance



Hotel

## Features

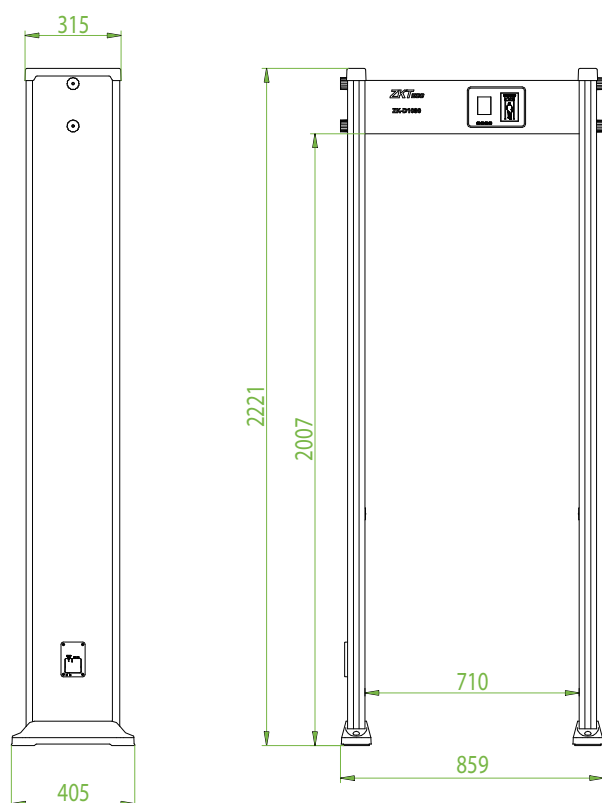
- Up to 9 detection zones and 500 sensitivity levels allow precise contraband detection.
- The 2.8-inch color screen is easier to operate and set up.
- Clear threat indication with synchronous sound alert and LED indicator.
- Display the number of pedestrians passed and alarm count accurately.
- Accurate detection of a wide range of contrabands.
- Automatic setting of sensitivity and channel.
- Simple installation and use.

## Specifications

Display	2.8" TFT Color Screen
Physical Keypad	4 keys
Detection Zone	3 / 6 / 9 zones mode adjustable
Sensitivity Level	500
Channel	100
Smallest Metal Objects Detected	Coin-sized Metals
Maximum Detection Distance	Vertical 20-2000mm
Detection Sound Alert	6 types of alarm tones (adjustable)
	0-6 levels of volume adjustable (Maximum volume 80 dB)
Detection Visual Indicator	2 sets of LEDs (red) are evenly distributed on the left and right door panels
	LED (Steady red= metal contraband detected)
Throughput	> 40 persons per minute
Self-diagnosis Program	Yes
Detection Mode	Automatic Detection Mode/ Infrared Detection Mode (default)
Number of IR Groups	1
Detected Contraband	Ferrous and non-ferrous metal weapons
Enclosure Material	Flame Retardant ABS Polymer, Medium Density Fiberboard, PVC
Power supply	AC100V to 240V (DC12V/3A)
Input Voltage	DC12V
Operating Current	0.8A
Operating Power	10W
Operating Time (Estimated)	24 / 7 operation capability (continuous operation)
Operating Frequency	5.7KHz ~ 9.6KHz

Operating temperature	-10°C ~ 45°C
Storage Temperature	-20°C ~ 55°C
Operating Humidity	< 95% RH (non-condensing)
Ingress Protection Rating	N / A (waterproof and dustproof)
	N / A (vandal resistant)
Application Environment	Indoor
Dimensions (L*W*H)	2221 * 859 * 405 (mm)
Lane Size (L*W*H)	2007 * 710 * 315 (mm)
Dimensions with Packaging (L*W*H)	2280 * 457 * 280 (mm)
Weight	Gross Weight: 35kg
	Net Weight: 27kg
Interface	Relay Output: NO
	Network Interface: NO
Certifications	CE, FCC, ISO9001
Remote Control	NO

## Dimensions(mm)



## Recommended uses

high visitor flowrate



Electronic  
Factory



Food  
manufacturers



Cigar Factory

