General specifications

Technical specification	
Digital pulse technology	Digital signal processing and filtering system with excellent ability to resist electromagnetic interference
Low-intensity magnetic field technology	Compliant with international safety standard, and harmless to pacemakers, pregnant women, floppy disks, films, videos, etc.
Operation control	Operates with a remote controller and 5 buttons at the screen for all functions
Screen	7 inch LCD
Detection zone	Maximum 24 localization zones to identify multiple target locations, 8 from head to toe, 3 from left to right
Minimum height of detection	10mm
Alarm	- Sound and light, 2 LED light bars on both of the front door frame sides - 16 sounds and 20 volume levels for selection - Sound length 0-9 seconds for selection - LED alarm time 0-9 seconds for selection
Counter	Intelligent traffic and alarm counters that calculate traffic flow, in and out, and the alarm result.
Calibration	No need periodic calibration
Detect speed	Maximum 100 person/minute, adjustable
Sensitivity limit	Can detect a one-cent RMB coin, or a clip
Sensitivity setting	0-300 adjustable by each zone, according to the size and density of metal objects to be detected 30 application sites pre-set for selection
Adjustable signal frequencies	100 working frequency/channel options Eliminate the potential effects from X-ray units, radios and other electrical interference sources.
Minimum distance between two WTMD	0.5m at high sensitivity
Tamper-Proof	Operation program is protected by password
Gate material	Special material board, fire-proof, corrosion proof, moisture-proof, anti-collision, and no deformation.
Passenger and alarm record	100,000 records for passengers in and out and alarm
Options	Battery or UPS, Integrated with camera, turnstile, network with PC by USB or WIFI, etc
Operating Environment	
Power supply	AC100V~240V 50/60Hz
Maximum power consumption	15W
Operation temperature/Humidity	-20℃ ～ 60℃ / 0% ～ 95%
Storage Temperature/Humidity	-20℃ ～ 60℃ / 20% ～ 95% (non-condensing)

Product highlights

* Power on self test(POST) and diagnosis by component
* Modular components design for easy and quick transportation and maintenance
* Stable performance, 8/16//24 localization zones options
* Sensitivity adjustment by each zone
* Detection of flying objects
* Powered by safe low valtage DC
* Enter power saving mode and wake-up automatically
* DSP Highly integrated digital processing technology brings stable preformance avoid false alarm
* One key restore of the initial parameters
* Password and hardware key access protection
* Embedded battery back-up and charger
* Two LED indicating bars showing threat locations on human body
* Detect threat objects including magnetic, non-magnetic metals and mixed alloys with high sensitivity to find tiny threat
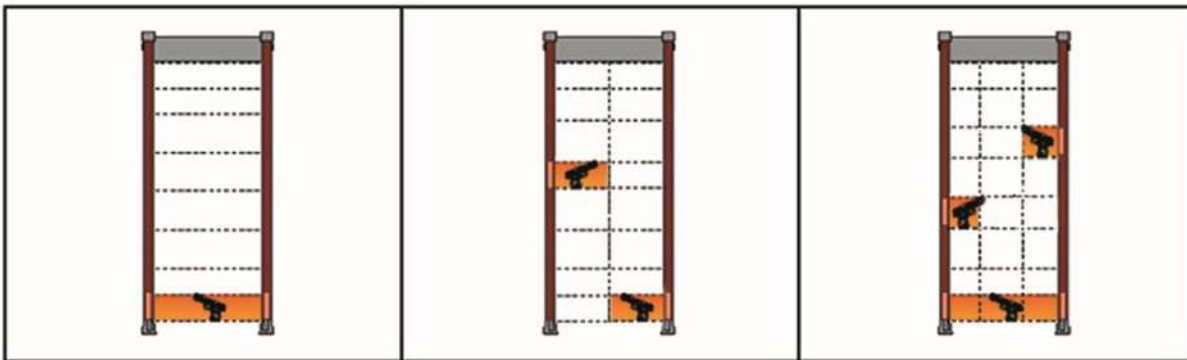* Super low detection height.

Physical Specification

Unit weight (kgs)	65
Outer frame	2230mm (h) * 820mm (w) * 550mm (d)
Inner frame	2000mm (h) * 700mm (w) * 500mm (d)
after packed in carton -	
Gross weight (kgs)	70
Packing size	#1: 76.5 * 45 * 27cm #2: 229 * 66.5 * 26.5cm
Compliance	
Certificates	* ISO19001; ISO14001; ISO45001 * CE EMC, LVD, RoHS * FCC

Dimensions

Program Setting	
Sensitivity	Display
Alarm	Diagnosis
Zone	Safety grade
Time	Location
Language	Records
System	Password

Zone Sensitivity

	0—300	
08 Z: 280	24 Z: 280	16 Z: 280
07 Z: 280	23 Z: 280	15 Z: 280
06 Z: 280	22 Z: 280	14 Z: 280
05 Z: 280	21 Z: 280	13 Z: 280
04 Z: 280	20 Z: 280	12 Z: 280
03 Z: 280	19 Z: 280	11 Z: 280
02 Z: 280	18 Z: 280	10 Z: 280
01 Z: 280	17 Z: 280	09 Z: 280