Stabilizer base   Infrared sensor   Remote controller   Key

INTRODUCTION

Walk Through Metal Detector with thermal imaging temperature measurement combines metal detection with human body thermo detection. Before people walk through the gate, it measures body temperature and alarm when over the set temperature value to indicate the high body temperature for further inspection; and it detects metal when people walk through.

It can be used in schools, hospitals, shopping malls, prisons, courts, enterprises, government agencies, stations, ports, exhibition halls, conference centers, concerts and other important places. It can control the entry of people with physical fever into public places and prevent the outbreak of infectious diseases, and prevent knife, weapen, and other contraband from entering into the important public area.

PRODUCT HIGHLIGHTS

* Non-contact and non-stop taking face temperature, maximum 20 persons, assured long detection distance, high precision and stable quality performance.

* Continuously measure the body temperature of people who walk through with built in high-precision micro dynamic infrared body temperature monitor.

* Complete temperature measurement within 1 second to ensure traffic efficiency.

• Real time human voice is trigged when over the set temperature value, "Please check again".

* Stable performance, 18 localization zones metal detection for threat objects including magnetic, non-magnetic metals and mixed alloys with high sensitivity to find tiny threat, with super low detection height

* Three LED indicating bars showing threat locations on human body and if temperature higher than standard

* Power on self test (POST), powered by safe low valtage DC, and password and hardware key access protection

* Modular component design which is convenient for transportation, installation and maintenance.

TECHNICAL SPECIFICATION

Operation control	Remote control
Screens	Front panel LCD 5.2-inch + Thermal imaging display 11.6-inch
Thermal imaging focus lens	6mm
Minimum imaging distance	0.15m
High temperature alarm	HDMI video display traffic count and high temperatures
Camera resolution	256 * 192, high sensitivity detector, supporting contrast adjustment
Screening faces	20 faces being taken temperature simultaneously
Temperature measurement range	30-45 ℃
Temperature accuracy	± 0.3℃
Others	- Support temperature measurement by points, lines, and frames; - Support shutter correction in timing, temperature difference and manual mode; - Support 3D noise reduction function, pseudo color adjustable, image detail enhancement function.
Metal detection zone	18 localization zones to precisely identify multiple target locations,6 from head to toe, 3 from left to right
Sensitivity	Can detect a clip or 1/2 cutter blade
Minimum height of detection	20mm
Metal alarm	- Three LED light bars on back and front of the door frame - Multi zones alarm when detected
Counter	Intelligent traffic and alarm counters that calculate traffic flow and resultant alarms.
Sensitivity Level	Adjustable from 0 to 999
Adjustable signal frequencies	7000-8999HZ Eliminate the potential effects from X-ray units, radios and other electrical interference sources.

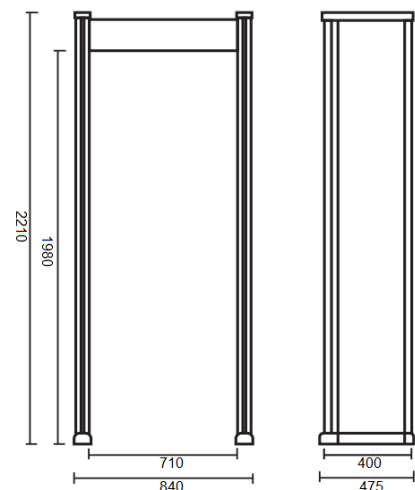| Minimum distance between two WTMD	0.5m at high sensitivity
Low-intensity magnetic field technology	Compliant with international safety standard, and harmless to pacemakers, pregnant women, floppy disks, films, videos, etc.
Shock proof	Avoid false alarm in wind or shock
Tamper-Proof	Operation program is protected by password
Options	Battery, network with PC, turnstile, integrate camera, PLUS option with a second speaker to realtime voice report the temperature value, etc

Operating Environment

Power supply	AC100V~240V 50/60Hz
Maximum power consumption	15W
Operation temperature/Humidity	0° C ～ 35° C / 0% ～ 95% non-condensing
Storage Temperature/Humidity	-20° C ～ 55° C / 0% ～ 95% non-condensing

Physical Specification

Unit weight (kgs)	45
Outer frame	2210mm (h) * 830mm (w) * 475mm (d)
Inner frame	1980mm (h) * 710mm (w) * 400mm (d)
after packed in carton -	
Gross weight (kgs)	53
Packing size	#1 230*26*55cm, 41kg
	#2 77*27*38cm, 12kg

Compliance

International	* ISO19001; ISO14001; ISO45001 * CE EMC, LVD, RoHS * FCC

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