2M TECHNOLOGY
DESIGNED FOR LIFE

Certifications

- ISO9001, ISO14001, HSMS18001
- CE EMC directive 2014/30/EU: EN 61000-6-3:2007+A1:2001; EN 61000-3-2:2014; EN 61000-3-3:2013; EN 61000-6-1:2007
- RoHS RoHS directive 2011/65/EU, EN 50581:2012
- FCC Part 15 Class B

Features

- Power on self diagnostics and diagnostics by component
- Modular components designed for easy transportation and maintenance
- Stable performance up to 45 localization zones with adjustable options
- Sensitivity adjustment by each zone
- Detection of thrown objects
- Powered by safe low voltage DC
- Automatic power saving and ready mode
- DSP highly integrated digital processing technology brings stable performance to help avoid false alarms
- One key restore of default parameters
- Password and hardware key access protection
- IP65 weather resistant protection
- Embedded battery back-up and charger
- Two LED bars with indicators which show approximate area where the metal object is found. Can detect metal at low heights
- Highly sensitive to metal objects including magnetic, non-magnetic metals and mixed alloys

Specifications

Zone Options	1/8/24/33/45 zones
Shock Proof	Yes
LED Lights	2
Display	LCD
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 45 localization zones to identify multiple target locations, 15 from head to toe, 3 from left to right
Minimum Height of Detection	10mm/0.4" in
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 detected30 application sites preset 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/1.6' ft. 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.
Weather Proof	IP65, supporting outdoor work
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
Power Adapter	Output: 15VDC, 5A Dimensions (LxWxH): 115 x 50 x 30 (mm) Cable Length: 2.5m Weight: 0.3KG
Maximum Power Consumption	15W
Operation temperature/ Humidity	-200°C ~ 600°C/-328°F ~ 1112°F 0% ~ 95% (non-condensing)
Storage Temperature/ Humidity	-200°C ~ 600°C/-328°F ~ 1112°F 20% ~ 95% (non-condensing)

OPERATING ENVIRONMENT

Unit Weight	63 kg/138.9 lbs
Outer Frame (HxWxD)	2210 x 880 x 680 (mm)/87" x 34.6" x 26.8" (in.)
Inner Frame (HxWxD)	2010 x 760 x 600 (mm)/87" x 29.9" x 23.6" (in.)
Gross Weight	68 kg/149.9 lbs
Packing Size	#1: 232 x 73 x 26 (cm)/91.3" x 28.7" x 10.2" (in.)

Specifications

2010mm
2210mm

760mm
880mm

600mm
680mm

FC CE RoHS