Specifications

TECHNICAL SPECIFICATIONS	
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 standards and harmless to pacemakers, pregnant women, floppy disks, films, videos, etc.
Operation Control	Operates with a remote controller and 5 buttons on the screen for all functions
Screen	7 in LCD
Detection Zone	Maximum 90 localization zones to identify multiple target locations, 30 from head to toe, 3 from left to right
Minimum Detection Height	10 mm (0.39 in)
Alarm	• Sound and light: 2 LED light bars on both sides of the front door frame • 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 for periodic calibration
Detection Speed	Maximum 100 person/minute, adjustable
Sensitivity Limit	Can detect a one-cent RMB coin, or a paperclip
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 • Eliminates the potential effects from X-ray units, radios, and other electrical interference sources
Minimum Distance Between Two WTMD	0.5 m (1.6 ft) at high sensitivity
Tamper Protection	Operation program is protected by password
Gate Material	Special material board, fireproof, corrosion-proof, moisture-proof, anti-collision, and no deformation
Weather-Proof Rating	IP65, supports outdoor operation
Passage and Alarm Record	100,000 records for passengers in and out and alarm
Options	Battery or UPS, integration with turnstile, communication with PC by USB or RJ45 port, etc.

Features

- Power-On Self-Test (POST) and component diagnostics ensure reliable startup and simplify troubleshooting
- Modular design allows components to be detached for quick transport and easy maintenance
- Multiple detection zone options: 1, 16, 30, 48, or 90 zones for precise threat localization
- Sensitivity can be adjusted individually for each detection zone
- Detects flying objects moving through the detection field
- Powered by low-voltage DC for enhanced safety and energy efficiency
- Automatically enters power-saving mode when idle and wakes up on use
- Advanced digital signal processing (DSP) technology delivers stable performance and reduces false alarms
- One-button reset restores all parameters to factory settings
- Access protected by password and hardware key
- IP65-rated for weather resistance against dust and water in outdoor environments
- Embedded battery backup and charger provide continuous operation during power interruptions
- Two LED indicator bars display the exact location of threats on the human body
- High-sensitivity detection identifies magnetic, non-magnetic, mixed metal alloys, and even tiny threat objects
- Designed with a super low detection height to detect low-profile threat items effectively
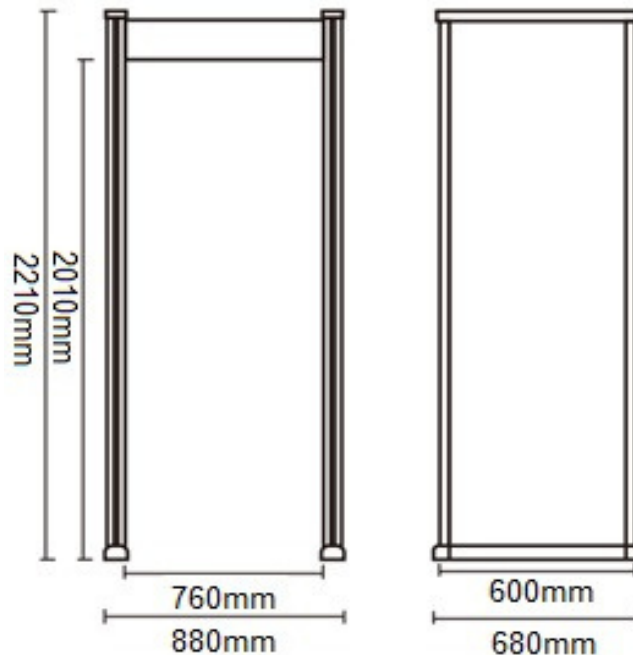
Specifications

OPERATING ENVIRONMENT

Power Supply	AC 100V~240V; 50/60Hz
Power Adapter	• Output: 15V dc, 5A • Dimensions (L x W x H): 115 x 50 x 30 mm (4.53 x 1.97 x 1.18 in) • Cable length: 2.5 m (8.2 ft) • Weight: 0.3 kg (0.7 lb)
Maximum Power Consumption	15 W
Operation Environment	• Temperature: -20°C to 60°C • Humidity: 0% to 95% (non-condensing)
Storage Environment	• Temperature: -20°C to 60°C • Humidity: 20% to 95% (non-condensing)

PHYSICAL SPECIFICATIONS

Unit Weight	63 kg (139 lb)
Outer Frame (H x W x D)	2210 x 880 x 680 mm (87.01 x 34.65 x 26.77 in)
Inner Frame (H x W x D)	2010 x 760 x 600 mm (79.13 x 29.92 x 23.62 in)
Gross Weight (packed in carton)	68 kg (150 lb)
Packing Size (H x W x D)	2320 x 730 x 260 mm (91.34 x 28.74 x 10.24 in)

COMPLIANCE

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

Dimensions

2010mm
2210mm
760mm
880mm
600mm
680mm

Components

Power Adapter

LCD Screen