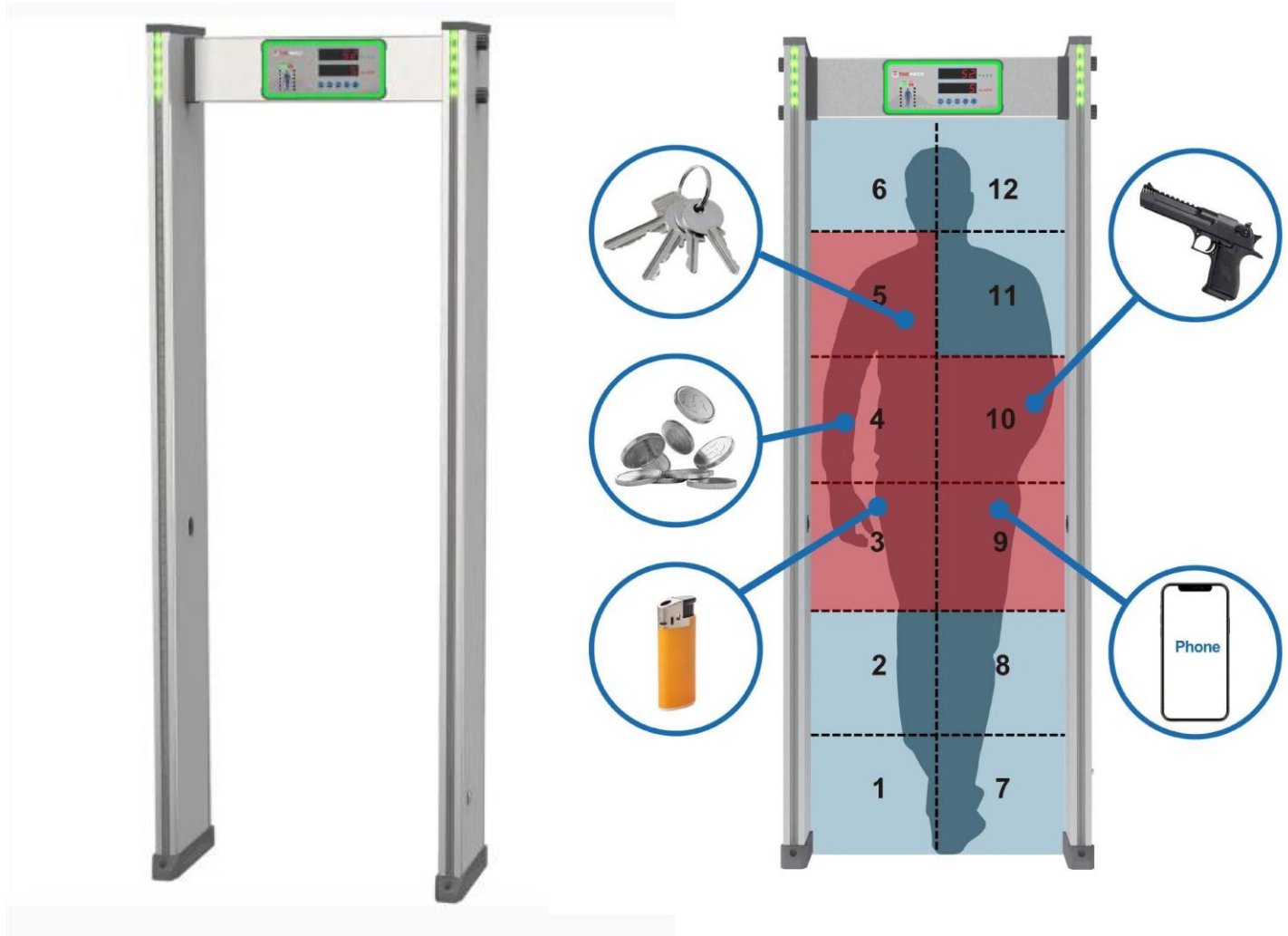


12 Zone Door Frame Metal Detector

Model: **EW-12ZDFMD**



EW-12ZDFMD is a Door Frame Metal Detector engineered for reliable and efficient security screening. Utilizing advanced electromagnetic induction technology, it accurately detects magnetic metals and instantly triggers audio and visual alarms.

Featuring an upgraded aluminum alloy structure, an integrated circuit board design, and a high-performance copper wire coil system, the EW-12ZDFMD offers enhanced stability, durability, and long-term performance.

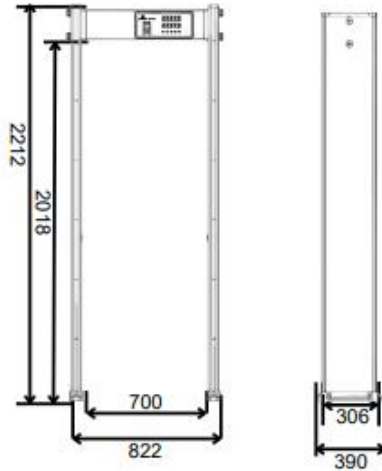
Key Features

- Accurate detection of all magnetic metals (black iron) such as guns, knives, phones, and keys
- Ultra-high sensitivity capable of detecting objects as small as a coin (22.25 mm diameter) in the central zone
- Upgraded aluminum alloy structure with thickened beams and integrated circuit board design
- Advanced door panel with high anti-interference performance and stability
- Intelligent alarm system with high-quality infrared sensors ensuring instant triggers and minimal false positives
- Modular design enabling easy assembly, maintenance, and repairs to minimize downtime
- 100% human-safe with zero radiation risk for pregnant women or pacemaker users

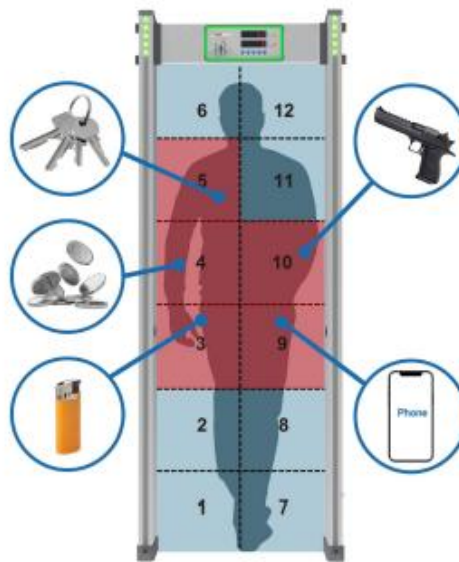
Technical Specifications

Specification	Details
Detection Zones	12 Zones
Sensitivity	2000 levels
Calibration	Automatic
Control Panel	Digital LED Display
Access Control	Button panel
Optics Control	Infrared sensor (1 pair)
Infrared Beam Mode	Bidirectional
Alarm Indicator	LED lamp light and sound
Traffic Indicator	Walk / Stop
Tamper-Proof Setting	Digital Password
Infrared Passing Speed	30 people / min
Adapter Power	Input: AC 110V-220V, 50/60Hz; Output: DC 12V / 5A
Working Voltage	DC 12V / 3A
Transmission Power	12W
Working Frequency	7KHz - 9KHz
Frequency Bands	5
Operating Temperatures	-20°C ~ 45°C
Working Humidity	0 - 95%, no condensation
Protection Class	IP53
Door Panel Construction	Medium Density Fiberboard
Crossbeam Frame	Aluminum alloy, one level
Battery Backup	Optional

Dimension Drawing



Localization Zones



12 LOCALIZATION ZONES

Target Applications

Airport • Railways • Defense • Education • Hospital • Government • Office • Bank • Retail

Disclaimer: All pictures shown are for illustration purposes only. The actual product and color may vary due to product enhancement. The brief specification is mentioned and may change without prior notice. Please consult us before placing any order.

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