

# MDS100

Ferrous Contraband and Smartphone Detector



## Features

- Detect smartphone (switch ON/OFF mode), smartwatch and ferrous contraband
- Strong anti-Interference ability
- Cutting-Edge Single-Axis Magnetic Field Sensor Supporting a High Throughput Rate of up to 50 People per Minute
- Accurate Two-Zone Detection (Optional Three-Zone) with a Maximum Detection Distance of up to 120 cm
- 100 adjustable sensitivity levels for each detection zone
- Highly secure as no radiation emitted, safe for pregnant women and people who implanted pacemakers
- Embedded rechargeable battery supports up to 28 operating hours
- Waterproof with protection level IPX5
- Easily portable and quick to assemble
- Optional Millimeter-Wave Radar for Precise Human Detection

# Specifications

Model	MDS100
Maximum Detection Distance	120cm
Detection Radius	Up to 80cm
Throughput Rate	50 people/minute
Sensitivity Level	100
Alarm Zone	2 Zones (Standard), 3 Zones (Optional)
Touch Screen Size	3.5inches
Alarm Volume	1 to 10 Levels
Alarm Ring	6 Types(selectable)
Input Voltage	15V
Embedded Rechargeable Battery	8Hrs to be fully charged ; Supports 26 Hrs of operation
Battery Capacity	9000mAh
Input Voltage	15V
Operating Current	260mA
Operating Power	3.9W
Housing Material	Aluminum Alloy
Protection Level	IPX5
Operating Temperature	-10 C to 50 C
Storage Temperature	-35 C to 70 C
Operating Humidity	0%RH to 95%RH (non-condensing)
Dimension(L*W*H)	360.6*380.0*1969.4(mm)
Dimension with Packing(L*W*H)	470*545*2380(mm)
Net Weight	15kg
Weight with Packing	40kg
Certification(s)	CE FCC
Optional Accessories	Millimeter-Wave Radar (24 GHz, Operating Range: 0.5 m to 3 m), Detector Moving Wheels

## Dimensions (mm)

