

## ISD-SMG106-BA

### Walk Through Metal Detector

The ISD-SMG106-BA walk-through metal detector boasts high sensitivity and strong anti-interference capabilities, making it an effective tool for detecting metal on a person and identifying illegal items. It can be utilized in a variety of settings, such as police departments, procuratorates, law divisions, prisons, government buildings, transportation hubs, industrial parks, office buildings, schools, hospitals, cultural and scenic spots, and large-scale events.

### Key Features

**Metal detection:** This system can effectively identify illegal items as small as a coin.

**Head count statistics:** The system can display the number of people passing through and the number of metal alarms triggered.

**POST:** The system supports power-on self-test and displays the test results.

**Multi-zone alarm:** This system can detect multiple metals in different positions as they pass through the detector and indicate the positions of the metals. The system supports up to 6 zones.

**Modular design:** This system is designed for easy transportation and maintenance.

**Button control:** The parameters of this system can be easily adjusted through the press of buttons.



## Product features:

- Detection accuracy: Can detect a metal object the size of a coin (diameter: 25mm) at the center with the highest sensitivity, without any omission or false alarms.
- Zone display: The detector has a total of 6 zones, accurately displaying suspicious objects in each zone.
- Frequency setting: The detector allows various frequencies to be set to reduce interference from other detectors.
- Sensitivity adjustment: The detector's sensitivity can be adjusted according to the size of the metal object to be detected, with support for 255 levels of sensitivity.
- Calibration: Automatic and Manual.
- Fault Indication: Internal fault diagnostics capability with error code and display.
- People counting: The detector is equipped with a bilateral IR sensor that can accurately detect the number of people passing through and the number of alarms.
- Positioning light: The door post is equipped with LED lights that can intuitively display the area where prohibited items are located.
- Display: The detector has an LED digital tube display.
- Door material: The detector is made of PVC exterior, which is both beautiful and fireproof, anti-corrosive, moisture-proof, and collision-resistant, with no deformation.
- Safety protection: The detector meets international safety standards and is harmless to pacemaker wearers, pregnant women, magnetic media, and others.

## Specifications

System parameters	The Smallest Detected Metals	Coin-sized metals
	Number of Detection Zones	6
	Power Supply	100 VAC to 240 VAC, 50/60Hz
	Power	< 30W
	Working temperature& humidity	-37 °C — 70 °C Storage, -20 °C — 70 °C Operation, 10%-95%, non-condensing
	Protective Level	IP41 (IEC529) Indoor and Outdoor environment
	Sensitivity Level	255 Adjustable Scale Setting (0-99)
	Weight	< 45kg
Dimension	Overall dimensions	(mm)2150(H)x850(W)x400(D)
	Passageway dimension	(mm)2000(H)x700(W)
	Package dimension	panel: (mm)2310(H)x550(W)x265(D) Case: (mm)830(H)x325(W)x400(D)

## Model Number

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