

# DHI-ISC-H103

## Handheld Metal Detector



The handheld metal detector is a high-sensitivity handheld device specially designed for detecting magnetic and non-magnetic metal objects. It can be used to inspect metal objects such as knives that are carried or hidden in packages, and can also be used to detect extremely tiny non-magnetic metal objects. It adopts three alarm modes: sound, light and vibration, which can be set as needed. And its long battery life can meet the need of long time use.

### Functions

#### Accurate Detection

High sensitivity, which can detect objects as tiny as a 9 mm × 5 mm staple.

#### Detection Distance

Stable detection distance, which will not be influenced by battery consumption.

#### Adjustable Alarm Modes

Multiple alarm modes, which can be set by sound and vibration switch. Light alarm, light and vibration alarm, light and sound alarm, light, sound and vibration alarm are available.

#### Adjustable Sensitivity

4-level sensitivity adjustable: low, medium, high and ultra-high, which can be adjusted as needed.

#### Metal Induction Intensity

3-level metal induction intensity. The larger or closer the metal is during detection, the higher the alarm level.

#### Safe Drop Height

Maximum safe drop height is 2 meters.

- Portable size, light weight, sensitive, accurate and stable metal detection.
- Easy to operate and carry.
- Power On Self Test (POST), wide scanning area for accurate detection of the target.
- Detection of magnetic and non-magnetic metal objects, such as coins, gold rings, silver bracelets.
- Adjustable sensitivity, which can detect extremely tiny metal objects.
- Adjustable alarm modes: sound, light and vibration.
- Power-saving, automatic standby without operation for a long time, with standby time more than 100 hours.
- Automatic sleep and shutdown.
- Sound and light alarm.

#### Power Saving

When the device is not operated for 2 minutes, it switches to the standby mode where all the lights on the interface are off; when it is not operated for 10 minutes, it will automatically shut down.

#### Low Battery Reminder

When the battery is low, indicator in the middle flashes quickly.

#### Detection Mode

Magnetic metal detection mode (no alarm for non-magnetic metals), non-magnetic metal detection mode (no alarm for magnetic metals), mixed mode (alarm for magnetic and non-magnetic metals).

### Scene

Suitable for use in scenarios that perform security checks such as customs, stadiums, factories, entertainment venues, political and legal systems, airports, schools, high-speed railway stations, and subway stations.

### Technical Specification

#### General parameters

Product Dimensions	360 mm × 82.5 mm × 42.5 mm (14.17" × 3.25" × 1.67) (L × W × H)
Packaging Dimensions	410 mm × 130 mm × 70 mm (16.14" × 3.25" × 1.67) (L × W × H)
Net Weight	270 g (0.60 lb) (without battery)
Gross Weight	800 g (with packaging)
Operating Temperature	-25 °C to +60 °C (-13 °F to 140 °F)
Operating Humidity	0–95%, non-condensing
Material	ABS
Battery Specifications	2 × 1.5 V AA alkaline batteries
Power Consumption	<60 mW (normal operation)
Duration	Continuous work for 100 h
Operating Frequency	130 kHz
Detection Area	136 mm × 70 mm (5.35" × 2.76") (L× W)
Alarm Volume	≤87.6 dB

#### Functional Parameter

Adjustable Sensitivity	4 levels
Variable Metal Induction Intensity	3 levels
Certification	GB12899-2018 IEC 60068-2-1 IEC 60068-2-2 CE-LVD: EN62368-1 CE-EMC: Electromagnetic Compatibility Directive 2014/30/EU FCC: 47 CFR FCC Part 15, Subpart B

### Ordering Information

Type	Model	Description
Handheld Metal Detector	DHI-ISC-H103	Handheld Metal Detector

### Dimensions (mm[inch])

