

# User Manual

## Walk Through Metal Detector

ZK-D1065/2180

Date: April 2025

Doc Version: 1.4

English

Thank you for choosing our product. Please read the instructions carefully before operation. Follow these instructions to ensure that the product is functioning properly. The images shown in this manual are for illustrative purposes only.



For further details, please visit our Company's website  
[www.zkteco.com](http://www.zkteco.com).

## Copyright © 2025 ZKTECO CO., LTD. All rights reserved.

Without the prior written consent of ZKTeco, no portion of this manual can be copied or forwarded in any way or form. All parts of this manual belong to ZKTeco and its subsidiaries (hereinafter the "Company" or "ZKTeco").

## Trademark

**ZKTeco** is a registered trademark of ZKTeco. Other trademarks involved in this manual are owned by their respective owners.

## Disclaimer

This manual contains information on the operation and maintenance of the ZKTeco equipment. The copyright in all the documents, drawings, etc. in relation to the ZKTeco supplied equipment vests in and is the property of ZKTeco. The contents hereof should not be used or shared by the receiver with any third party without express written permission of ZKTeco.

The contents of this manual must be read as a whole before starting the operation and maintenance of the supplied equipment. If any of the content(s) of the manual seems unclear or incomplete, please contact ZKTeco before starting the operation and maintenance of the said equipment.

It is an essential pre-requisite for the satisfactory operation and maintenance that the operating and maintenance personnel are fully familiar with the design and that the said personnel have received thorough training in operating and maintaining the machine/unit/equipment. It is further essential for the safe operation of the machine/unit/equipment that personnel has read, understood and followed the safety instructions contained in the manual.

In case of any conflict between terms and conditions of this manual and the contract specifications, drawings, instruction sheets or any other contract-related

documents, the contract conditions/documents shall prevail. The contract specific conditions/documents shall apply in priority.

ZKTeco offers no warranty, guarantee or representation regarding the completeness of any information contained in this manual or any of the amendments made thereto. ZKTeco does not extend the warranty of any kind, including, without limitation, any warranty of design, merchantability or fitness for a particular purpose.

ZKTeco does not assume responsibility for any errors or omissions in the information or documents which are referenced by or linked to this manual. The entire risk as to the results and performance obtained from using the information is assumed by the user.

ZKTeco in no event shall be liable to the user or any third party for any incidental, consequential, indirect, special, or exemplary damages, including, without limitation, loss of business, loss of profits, business interruption, loss of business information or any pecuniary loss, arising out of, in connection with, or relating to the use of the information contained in or referenced by this manual, even if ZKTeco has been advised of the possibility of such damages.

This manual and the information contained therein may include technical, other inaccuracies or typographical errors. ZKTeco periodically changes the information herein which will be incorporated into new additions/amendments to the manual. ZKTeco reserves the right to add, delete, amend or modify the information contained in the manual from time to time in the form of circulars, letters, notes, etc. for better operation and safety of the machine/unit/equipment. The said additions or amendments are meant for improvement /better operations of the machine/unit/equipment and such amendments shall not give any right to claim any compensation or damages under any circumstances.

ZKTeco shall in no way be responsible (i) in case the machine/unit/equipment malfunctions due to any non-compliance of the instructions contained in this manual (ii) in case of operation of the machine/unit/equipment beyond the rate limits (iii) in case of operation of the machine and equipment in conditions different from the prescribed conditions of the manual.

The product will be updated from time to time without prior notice. The latest operation procedures and relevant documents are available on <http://www.zkteco.com>

If there is any issue related to the product, please contact us.

## ZKTeco Headquarters

**Address** ZKTeco Industrial Park, No. 32, Industrial Road,  
Tangxia Town, Dongguan, China.

**Phone** +86 769 - 82109991

**Fax** +86 755 - 89602394

For business-related queries, please write to us at [sales@zkteco.com](mailto:sales@zkteco.com).

To know more about our global branches, visit [www.zkteco.com](http://www.zkteco.com).

## About the Company

ZKTeco is one of the world's largest manufacturer of RFID and Biometric (Fingerprint, Facial, Finger-vein) readers. Product offerings include Access Control readers and panels, Near & Far-range Facial Recognition Cameras, Elevator/floor access controllers, Turnstiles, License Plate Recognition (LPR) gate controllers and Consumer products including battery-operated fingerprint and face-reader Door Locks. Our security solutions are multi-lingual and localized in over 18 different languages. At the ZKTeco state-of-the-art 700,000 square foot ISO9001-certified manufacturing facility, we control manufacturing, product design, component assembly, and logistics/shipping, all under one roof.

The founders of ZKTeco have been determined for independent research and development of biometric verification procedures and the productization of biometric verification SDK, which was initially widely applied in PC security and identity authentication fields. With the continuous enhancement of the development and plenty of market applications, the team has gradually constructed an identity authentication ecosystem and smart security ecosystem, which are based on biometric verification techniques. With years of experience in the industrialization of biometric verifications, ZKTeco was officially established in 2007 and now has been one of the globally leading enterprises in the biometric verification industry owning various patents and being selected as the National High-tech Enterprise for 6 consecutive years. Its products are protected by intellectual property rights.

## About the Manual

This manual introduces the operations of the ZK-D1065/2180 Walk-through Metal Detector.

All figures displayed are for illustration purposes only. Figures in this manual may not be exactly consistent with the actual products.

**Table of Contents**

**1 OVERVIEW ..... 7**

    1.1 Introduction .....7

    1.2 Appearance .....7

    1.3 Components.....8

**2 PRODUCT SPECIFICATIONS ..... 9**

    2.1 Dimensions.....9

    2.2 Technical Specifications .....11

**3 INSTALLATION SETUP ..... 12**

    3.1 Safety Precautions .....12

    3.2 Instructions to Pedestrians .....12

    3.3 Installation Site .....13

        3.3.1 Stationary Metallic Items.....13

        3.3.2 Portable Metallic Items.....13

        3.3.3 Floor Vibration.....13

        3.3.4 Electromagnetic Radiation and Interference.....13

        3.3.5 Parallel Installation .....14

    3.4 Installation Steps.....14

**4 PERFORMANCE AND TECHNICAL FEATURES ..... 16**

**5 CONTROL PANEL ..... 17**

**6 DETECTION ZONES..... 18**

6.1 Adjustment of Detection Zone’s Sensitivity .....19

7 OPERATIONAL PROCEDURE..... 20

7.1 Sensitivity Adjustment .....21

7.2 Channel Settings .....23

7.3 Alarm Settings .....23

7.4 Relay Settings .....25

7.5 Application Area.....26

7.6 Random Alarm .....27

7.7 Network Settings.....28

7.8 Record .....29

7.9 System .....30

7.10 About.....32

7.11 Default Parameters .....33

TROUBLESHOOTING ..... 34

PACKING LIST..... 35

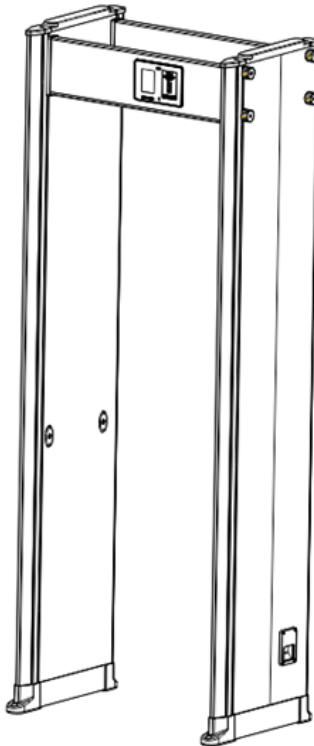
WARRANTY CARD..... 36

# 1 Overview

## 1.1 Introduction

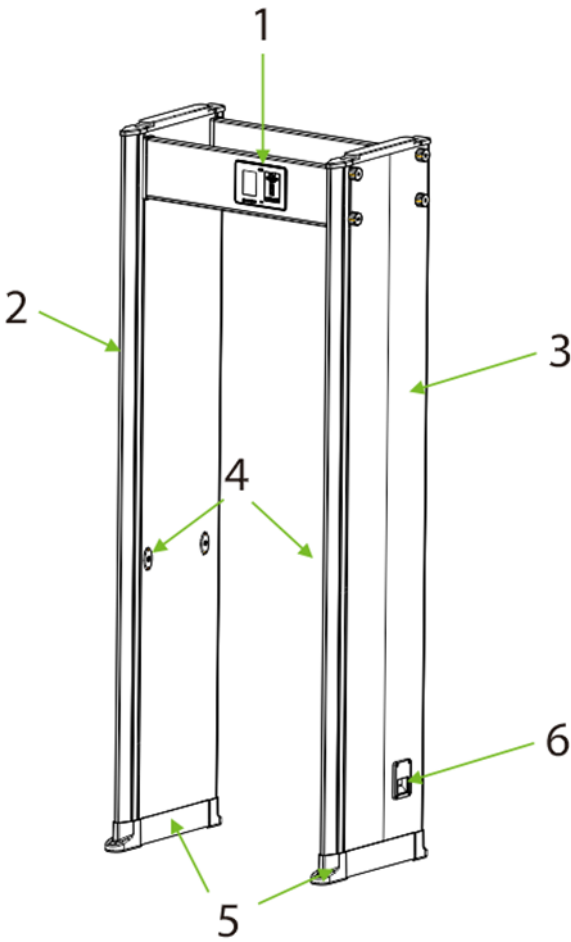
ZK-D1065/2180 metal-detector is a walk-through metal-detector that is used for security screening at access points in the prisons, courthouses, and train stations. Metal-detectors are highly sensitive to magnetic metals and have a high detection capability, with less ability to detect non-magnetic metals. They are used to detect the concealed metal weapons on a person's body. It offers high-speed detection capability. It can detect large metal objects like knives and guns. Its screening capacity is very large when compared to hand-held metal detectors.

## 1.2 Appearance





1.3 Components

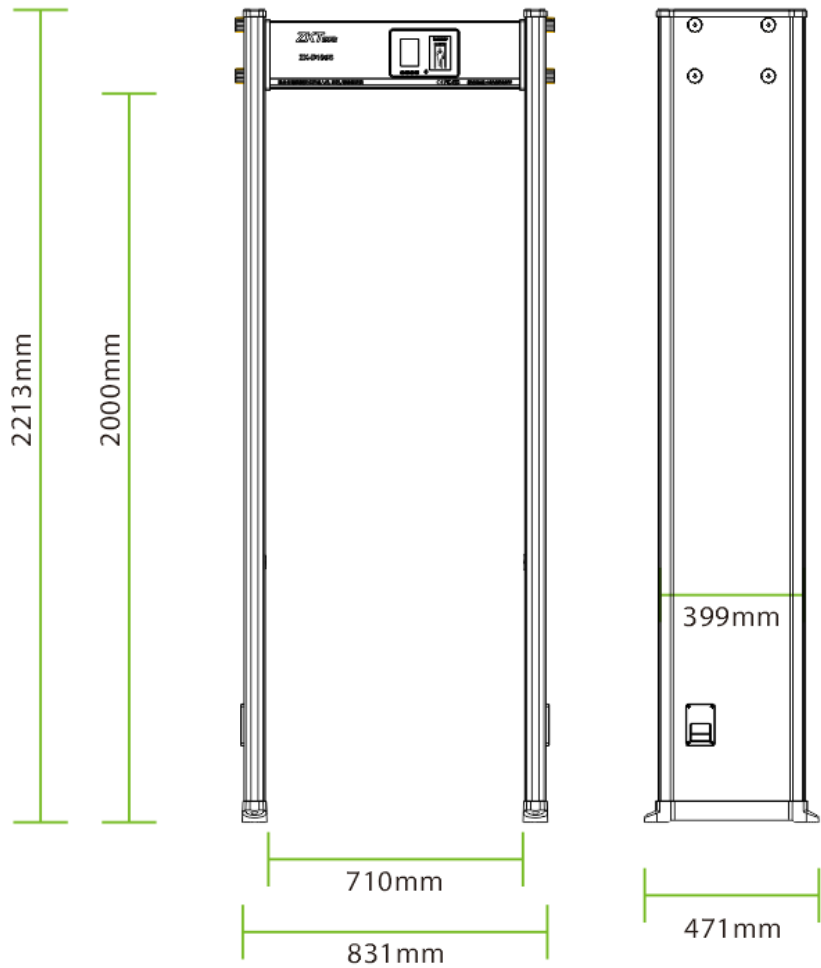


1. Beam	2. LED Alarm Zones	3. Built-in Probe
4. Infrared Sensors	5. Waterproof Foot Cover	6. Power-line Interface

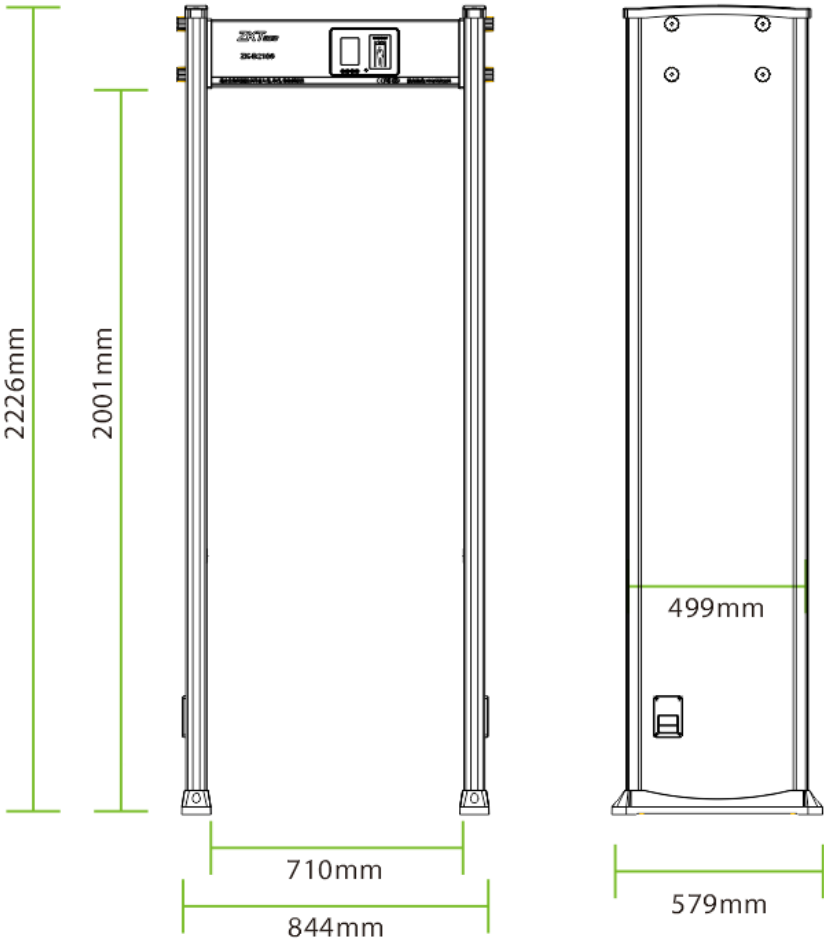
## 2 Product Specifications

### 2.1 Dimensions

#### ZK-D1065



ZK-D2180



## 2.2 Technical Specifications

Feature		Specifications
Power		100V to 240V
Operating Temperature		-20°C to 55°C
Operating Frequency		5.7KHz to 9.6KHz
Dimensions	External	ZK-D1065: 2213(H)x831(W)x471(D)mm ZK-D2180: 2226(H)x844(W)x579(D)mm
	Channel	ZK-D1065: 2000(H)x710(W)x399(D)mm ZK-D2180: 2001(H)x710(W)x499(D)mm
Weight		ZK-D1065: 35kg ZK-D2180: 45kg

## 3 Installation Setup

### 3.1 Safety Precautions

- Install the detector in a stable and smooth area. Make sure that the detector is installed firmly in the selected area.
- It can be used for both indoor and outdoor purposes. If used outdoor, cover it with a canopy to protect against rain.
- Before installation, make sure the left and right door panels are placed at the corresponding location. Avoid high temperatures and wet environments.
- Wait for 1 minute for the self-diagnosis of the detector when it starts. Do not touch the detector during a security check to avoid false alarm.
- Install the detector away from radio-frequency devices to avoid interference. Make sure that there is no large metal object or strong magnetic field around the detector for at least 2 meters.
- Do not hit the detector hard, as it may cause false alarms.
- Do not disassemble the unit without the guidance of a professional technician.
- Each device has a warranty card, with which users can have their devices maintained or repaired free of charge within the warranty period.

### 3.2 Instructions to Pedestrians

- A line must be drawn at 50cm away from the detector. The pedestrians must pass through the detector one-by-one.
- Pedestrians should line up one-by-one to ensure the smooth operation of the detector.
- Pedestrians should walk at a normal speed. They must not intentionally form a crowd, rush, walk slowly, or crush the door panel.

- Before passing through the metal detector, the pedestrians must remove all the carried metal objects (such as keys, mobile phone, watch, coins, etc.), and place it on the security chute or a table, and pick it up after the security check.
- If the detector alarms when someone passes through, that means there is/are some metal object(s) hidden in the body. The security guard can use a hand-held metal detector to accurately detect the hidden position according to the alarm zones.

### 3.3 Installation Site

The following section describes the requirements of the installation environment.

#### 3.3.1 Stationary Metallic Items

The detector must be installed away at 50cm from the stationary metallic items such as aluminum alloy/stainless-steel windows, doors, etc. to prevent false alarms and affecting the sensitivity of the detector.

#### 3.3.2 Portable Metallic Items

The portable metallic objects must be kept away at 2 meters from the detector to avoid false alarms.

#### 3.3.3 Floor Vibration

The installation floor must be flat and fixed to avoid false alarm from the movement of the people walking through the detector.

#### 3.3.4 Electromagnetic Radiation and Interference

Since the detector uses Bilateral receiver technology, the detector must be installed away at a distance of at least 1 meter from the sources of electromagnetic radiation or electromagnetic interference. The parameters that define the distance are determined by the installation environment and the parameters vary for different installation environments.

The sources of electromagnetic radiation and electromagnetic interference are given below:

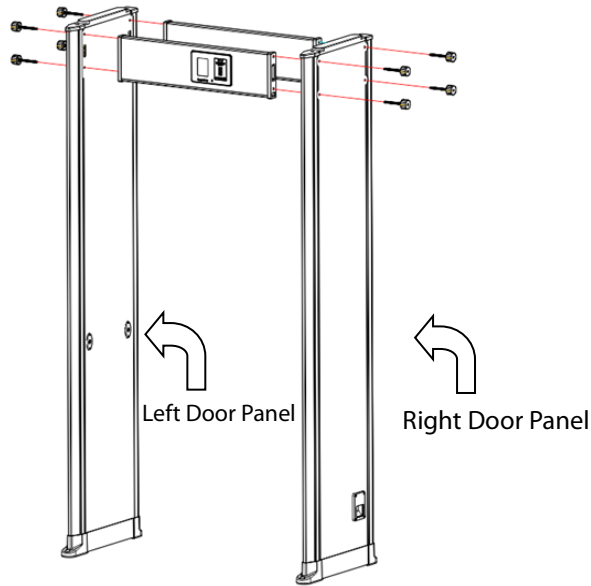
Electrical Control Box, Radiofrequency equipment, Interphone, High Power Motor, Power Transformer, Ac Power Lines, Thyristor Control Circuit (High Power Switching Power Supply, Inverter Welder), Engine, Motor, etc.

### 3.3.5 Parallel Installation

When two detectors are installed parallel to each other, the distance between two detectors must be greater than 50cm. When three detectors are installed parallel to each other, the distance between each detector must be greater than 80cm. They must operate at a different frequency to avoid interference. The distance varies according to the actual working environment, it is not recommended to mount three detectors in parallel, the frequency can be adjusted according to the environment.

## 3.4 Installation Steps

Make sure that the device is installed as per the following installation instructions. If you want to open the chassis, you should contact the agent for permission. Otherwise, you will bear any consequence resulting from your actions.



1. Open the Control unit and Door panel package.
2. Install the control unit and the door panels as shown in the above diagram. Connect the door panels to the control unit with bolts and nuts and tighten the screws.
3. Insert the probe-lines of the left and right door panels to the corresponding sockets on the mainboard.
4. Then lift the Walk-through metal detector vertically and place it in the required area.
5. Finally, plug in the power cable to start working.



## 4 Performance and Technical Features

**Accurate Positioning:** There are 18 overlapping detection zones with bilateral transmit and receive technology. The detection zones can accurately detect the objects with an intuitive display of the target location.

**Micro Processor Technology:** The Microprocessor Control Unit generates the electromagnetic waves for scanning and the scanning rate can be precisely controlled.

**Adjustable Sensitivity:** ZK-D1065/2180 detection zones have 500 sensitivity levels (1 to 500). You can preset the metal size, by excluding the false alarm of coins, keys, jewelry, belt buckle, etc.

**Digital Pulse Technology:** Digital signal processing and filtering system in the detector has excellent anti-interference ability.

**Count Statistics:** The detector displays the number of pedestrians passed and Alarm count accurately.

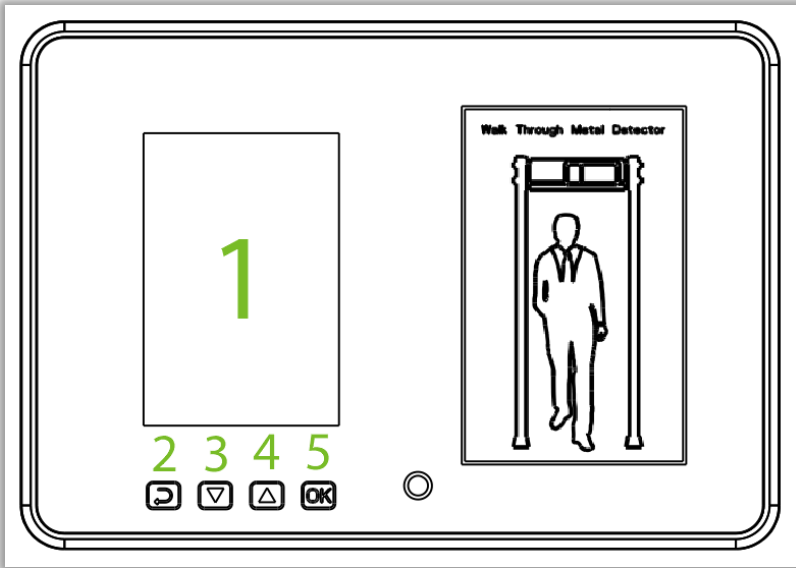
**Harmless:** The detector is harmless to heart pacemakers, pregnant women, magnetic floppy disks, recording tapes, etc.

**Waterproof Foot Cover:** The waterproof foot cover not only can fix the device firmly but also protect the device against water.

**Safety:** The Control Unit case and the panels are waterproof. The cover is made of PVC synthetic material which makes the detector waterproof, fireproof, and shockproof.

**Easy to install:** The detector has an integrated design and it can be effortlessly installed or disassembled in 15 minutes.

## 5 Control Panel



The components of the Control Panel are given below:

1. **LCD:** Displays the Pass count, Alarm count, Password settings, and other information.
2. **ESC:** Press to discard the settings and exit the menu.
3. ▽: Adjustment (decrement) key to decrease the parameter values.
4. △: Adjustment (increment) key to increase the parameter values.
5. **OK:** Opens the Menu interface, saves the settings, and exits the menu.

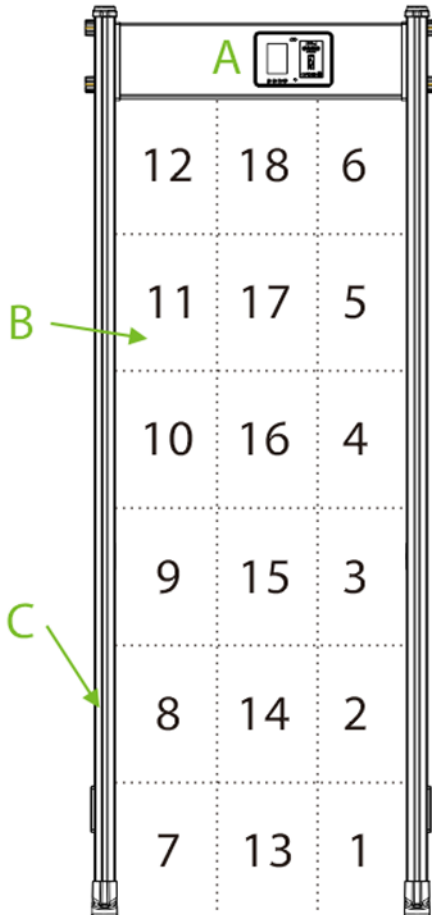
**Note:** There is a network interface on the back of ZK-D2180.

## 6 Detection Zones

The ZK-D1065/2180 detectors can detect a wide range of threat objects/weapons composed of magnetic, non-magnetic metals and alloys.

**Chassis panel:** The screen shows the number of people passing the detector and the number of alarms.

**Alarm zones:**



The zones are classified as 1 to 18 from bottom to top.

There are six unique sets of precise positioning LED's evenly distributed on the door panels, which means 18 detection zones. If the metal composition reaches or exceeds the preset value, the red LED glows and an alarm will be triggered. If there are multiple alarm targets, the LED of each target location will glow with alarm.

## Infrared Sensor

After connecting the power supply, the metal detector starts to work. When there is no person or object passes through the detector, the infrared sensors can effectively stop alarming to avoid false alarms. It also helps to maintain an accurate count of pedestrians and alarms.

## 6.1 Adjustment of Detection Zone's Sensitivity

1. The device must be in a stable position to achieve the best detection effect (refer [Installation Site](#)). To check whether the device is in a stable state, perform the following steps:
  - a) Power on the detector and check whether it is not shaking after one minute.
  - b) The device should not alarm when the testing person did not carry any metal items while walking through the detector.
2. You can exclude the small portable metal objects such as rings, key, belt buckle, shoes, and so on, by following the steps given below:
  - a) Choose a small metal as a sample. Increase the sensitivity, so that when the testing person carries the sample and pass through the detector, and it would alarm.
  - b) Decrease the sensitivity a little, carry the sample, and pass through the detector again. If it still alarms, once again reduce the sensitivity, until the device does not alarm when the sample is passed through.

**Note:** If you want to decrease the sensitivity in a certain zone, you must only adjust the sensitivity of the relative zone. After implementing the above adjustments, the metal which smaller than the sample will not alarm, but the metal objects bigger than the sample can be detected accurately.

7 Operational Procedure

Connect the power supply to the detector. After 2 seconds of initialization, the following standby interface is displayed.

CH:30	Normal	12:00
IN		
00000		
OUT		
00000		
ALARM		
00000		

The standby interface displays the following content: Working Channel, Time, In Count, Out count, and Alarm Count.

Press the **OK** button on the Control panel and enter the login password (default:**100000**) to enter the main menu.

Login
<div>Password</div> <div><div>*</div><div>*</div><div>*</div><div>*</div><div>*</div><div>*</div></div>

MENU (ZK-D1065)	MENU (ZK-D2180)
Sensitivity	Sensitivity
Channel	Channel
Alarm	Alarm
Application	Relay
RandomAlarm	Application
Record	RandomAlarm
System	Network
About	Record
	System
	About

7.1 Sensitivity Adjustment

On the main menu, select **Sensitivity** to enter the Sensitivity interface.

Sensitivity
Manual Setting
Auto Setting
Sens Range

Select **Manual Setting** and press **OK** to set the sensitivity level of each detection zone. Press “▽” and “△” to select the detection zone and then press **OK** to confirm. Then press “▽” and “△” to change the sensitivity values. The larger the sensitivity value, the higher the sensitivity. Then press **OK** to save the settings.

Sensitivity
Overall: 186
ZoneALL : 451
Zone 12 : 451
Zone 11 : 451
Zone 10 : 451
Zone 9 : 451
Zone 8 : 451
Zone 7 : 451
Zone 6 : 451
Zone 5 : 451
Zone 4 : 451
Zone 3 : 451
Zone 2 : 451
Zone 1 : 451

**Note:** 13-18 are Virtual zones, which can't be shown in the zone setting as those zone settings are by default.

Select **Auto Setting** and press **OK** to set the sensitivity automatically. It will be set up in a few seconds.

Select **Sens Range** and then press **OK** to set the intensity of the sensitivity levels.

Press “**Δ**” and “**▽**” to select the sensitivity settings for all the zones. Press **OK** to save the settings.

<b>Sens Range</b>
<b>High</b> <b>Medium</b> <b>Low</b>

## 7.2 Channel Settings

In the main menu, select **Channel** to enter the Channel interface.

<b>Channel</b>
<b>Manual Setting</b> <b>Auto Setting</b>

Select **Manual Setting** and then press **OK**. The channel range is from 1 to 100. The default value is 30. Press “**Δ**” and “**▽**” to set the value and then press **OK** to save the settings.

<b>Channel</b>
<b>001——100</b>

Select **Auto Setting** and press **OK** to set the channel automatically. It will be set up in a few seconds.

## 7.3 Alarm Settings

In the main menu, select **Alarm** to enter the Alarm interface.



Alarm
Buzzer
Alarm Time
Tone
Volume

Select **Buzzer** and then press **OK** to confirm. Press “**Δ**” and “**▽**” to select whether to turn on or off the buzzer and press **OK** to save the settings.

Buzzer
OFF
ON

Select **Alarm Time** and then press **OK** to confirm. The default alarm time is 1 second. Press “**▽**” and “**Δ**” to select the alarm time as per your requirements and press **OK** to save the settings.

Alarm
0.5s
1.0s
1.5s
2.0s
...
10.0s

Select **Tone** and then press **OK** to confirm. Press “**▽**” and “**Δ**” to select the tone and press **OK** to save the settings.

Tone
1
2
3
4
5
6

Select **Volume** and then press **OK** to confirm. Press “▽” and “△” to set the alarm volume and press **OK** to save the settings.

Volume
1
2
3
4
5
6

7.4 Relay Settings

In the main menu, select **Relay** to enter the relay interface. (This function is only available for ZK-D2180).

Relay
Relay Setting
Relay Time

Select **Relay Setting** and then press **OK** to confirm. Use the “▽” and “△” to select the required function. When “Close” is selected, the relay function will be disabled. When “No Metal” is selected, the detector will send a signal to the relay when the person does not carry any metal during detection. When “With Metal” is selected, the detector will send a signal to the relay when the person carries any metal during detection. Then press **OK** to save the changes.

Relay
Close
No Metal
With Metal

Select **Relay Time** and then press **OK** to confirm. Press “▽” and “△” to set the duration of the relay and press **OK** to save the settings.

Relay Time
00——99

7.5 Application Area

In the main menu, select **Application** and then press **OK** to confirm. Press “△” and “▽” to adjust the real-time application area. Press **OK** after setting the application area. (There are a total of 72 applications to choose from.)

Application
Airport
Customs
Port
Prison
Detention Center

<b>Police Station</b>
<b>Train Station</b>
<b>...</b>
<b>Cartridge Industry</b>

## 7.6 Random Alarm

In the main menu, select **RandomAlarm** to enter the random alarm setting interface.

<b>Random</b>
<b>Setting</b>
<b>Tone</b>

Select **Setting** and then press **OK** to confirm. Press “▽” and “△” to set the value and press **OK** to save the settings.

Under normal circumstances, the alarm is generated when the amount of metal signal reaches the set sensitivity threshold, while it can pass normally when it is less than the threshold. When a random alarm value is set, there will be a n% probability that a normal pass without alarm will be turned into an alarm, so that it can be checked and confirmed again manually.

<b>Random Alarm</b>
<b>00——50%</b>

Select **Tone** and then press **OK** to confirm. Press “▽” and “△” to select the tone and press **OK** to save the settings.

Tone
1
2
3
4
5
6

7.7 Network Settings

In the main menu, select **Network** to open the network setting interface. Use the “▽” and “△” buttons to select the Device Name, IP Address, and Gateway Address. Press **OK** enter the next digit or **ESC** set back the previous digit. After the last digit is modified, press **OK** to save the settings. (This function is only available for ZK-D2180)

Network
<div>Name</div> <div>F00001</div> <div>IP</div> <div>0.0.0.0</div> <div>GWIP</div> <div>0.0.0.0</div>

Note:

The Factory Default IP is shown in the figure. If the DHCP function is turned on in that default IP, the server will automatically assign IP to the Walk-Through Metal Detector. The connection will be completed without setting the Walk-Through Metal Detector IP. If the server does not have the DHCP function, you need to set

the Walk-Through Metal Detector IP and the server IP in the same gateway for the connection.

7.8 Record

In the main menu, select **Record** to enter the Record interface.

<b>Record</b>
<b>Record Query</b> <b>Storage</b>

Select **Record Query** and then press **OK** to confirm. Press “▽” and “△” to set the start time and end time and press **OK** to search the corresponding records.

<b>Start Time</b>
<b>2021-01-29</b> <b>00:00</b>
<b>End Time</b>
<b>2021-01-29</b> <b>23:59</b>

<b>Record Query</b>	
<b>In:00</b>	<b>Out:06</b>
<b>ALARM:05</b>	
<b>2021-01-29</b>	<b>14:52:23</b>
<b>2021-01-29</b>	<b>14:52:25</b>
<b>2021-01-29</b>	<b>14:52:25</b>
<b>2021-01-29</b>	<b>14:52:27</b>

<b>2021-01-29 14:52:29</b>
----------------------------

Select **Storage** and then press **OK** to confirm. Press “▽” and “△” to select whether to save the data or not. You can also delete the pedestrian count and Alarm count. Press the **OK** to save the settings.

Storage
Save
Don't Save
Clear Pass (Clear Pedestrian Count)
Clear Alarm (Clear Alarm Count)

7.9 System

In the main menu, select **System** to enter the system setting interface.

System
Date & Time
Work Mode
Password
Model
Restore

Select **Date & Time** and then press **OK** to confirm. Press “△” and “▽” to adjust the time then press **OK** to save the changes.

Date & Time
2021-01-29
17:44

Select **Work Mode** and then press **OK** to confirm. Press “△” and “▽” to select the

zone mode then press **OK** to save the changes.

<b>WorkMode</b>
<b>Zone 6</b> <b>Zone 12</b> <b>Zone 18</b>

Select **Password** and then press **OK** to confirm. Press “**Δ**” and “**▽**” to set the password, and press **ESC** to clear the entered value. Press **OK** to save the settings.

<b>Password</b>
<b>New Password</b> * * * * *

Select **Model** and then press **OK** to confirm. Press “**Δ**” and “**▽**” to set the model name, then press **OK** to save the changes.

<b>Model</b>
Z K D 2 1 8 0

Select **Restore** and then press **OK** to confirm. Press “**Δ**” and “**▽**” to choose whether to restore factory settings. Select "**Yes**" and press **OK** to restore the original factory settings. Select "**Cancel**" or press **ESC** to cancel the operation..

<b>Restore</b>
<b>Cancel</b> <b>Yes</b>



## 7.10 About

Show firmware version number and Walk-Through Metal Detector IP.

About
<b>Ver: EN-18-N-2.0.3</b>
<b>Model:ZKD2180</b>
<b>Name: F00001</b>
<b>IP: 0.0.0.0</b>
<b>GWIP: 0.0.0.0</b>
<b>MASK: 0.0.0.0</b>

## 7.11 Default Parameters

Parameter	Default Value
<b>Sensitivity</b>	Overall: 186 ZK-D1065/2180: 451
<b>Channel</b>	30
<b>Buzzer</b>	ON
<b>Alarm Time</b>	1.0 s
<b>Application Area</b>	Train Station
<b>Data Saving</b>	Save
<b>System Password</b>	100000
<b>Relay Settings (ZK-D2180)</b>	Close
<b>Network Settings (ZK-D2180)</b>	Name: F00001 IP: 0.0.0.0 GWIP: 0.0.0.0

# **Troubleshooting**

## **What to do if the Sensor could not count?**

- a) Check whether the probe cables are connected firmly with the door panels.
- b) Check whether there is any infrared interference beside the device, such as infrared surveillance system, infrared remote control, outdoor sunlight, etc.
- c) If both a and b are OK, replace the infrared sensor.

## **What to do if the detector gives a false alarm?**

- a) If the device gives false alarms frequently after installation, perform the following steps:
  - Firstly, check the installation environment. Make sure there are no movable or stationary large metal objects around 1.5 meters from the detector. If there is any metal object, try to place the device away from the large metal objects.
  - Make sure that the installation location is stable and free from physical movements.
- b) If the false alarm is not caused by the environment, reduce the sensitivity level of all zones.
- c) Change the frequency.
- d) Change the installation location.

# Packing List

The package consists of the following items:

No	Component	Quantity
1	Power Adapter	1 set
2	Power Cable	1 set
3	Hexagon Socket Set Screw	8 pcs
4	Inner Hexagon	1 pc
5	User Manual	1
6	Front Beam	1 pc
7	Rear Beam	1 pc
8	Panel	2 sets
11	Infrared remote control (ZK-D1065: Optional ZK-D2180: Standard)	1 pc

# Warranty Card

- 1. Please keep this card safe and produce the same during maintenance.
- 2. This card will be invalid without the signature or stamp of the designated dealer.
- 3. This card will be regarded as invalid if the details are not filled in three guarantees column and the acknowledgment of the receipt. Please confirm whether the data filled in the three guarantees column and acknowledgment of receipt is correct or not when purchasing it, and then hand it over to the dealer.
- 4. This card will not be issued again if it is lost.

Model Number	
ID	
Date of Acquisition	
User	
Post Code	
Address	
User's Phone Number	
Fax	

Date of Maintenance	Record of Maintenance	Technician

ZKTeco Industrial Park, No. 32, Industrial Road,  
Tangxia Town, Dongguan, China.

Phone : +86 769 - 82109991

Fax : +86 755 - 89602394

[www.zkteco.com](http://www.zkteco.com)

