



i-Star The Delphi Fever Detection Device User Guide

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The Delphi Fever detection device Quick Start Guide

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Packing List

No.	Name	Qty	Unit
1	Intelligent measuring instrument	1	PCS
2	Pole base	1	PCS
3	Extension pole	2	PCS
4	Expansion bolt	3	PCS
5	Power adapter	1	PCS
6	Power cable	1	PCS

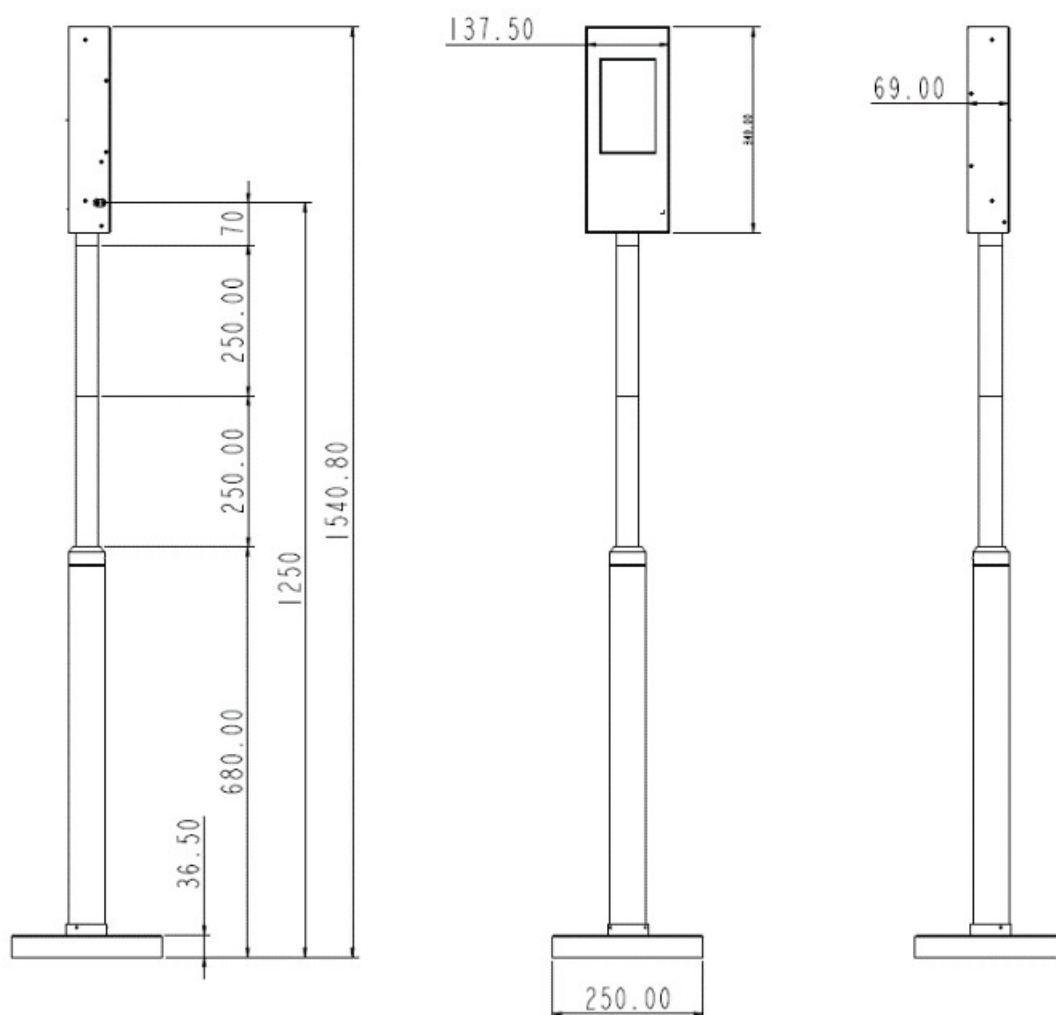
Note: The accessories may vary with device model and version.

Product Overview

The Delphi is a non-contact thermometer that measures body temperature on the wrist. It provides abnormal temperature alarm and counting features and is mounted on a pole with adjustable heights. The Delphi can be widely applied in schools, office buildings, communities, subway stations, airports, etc.

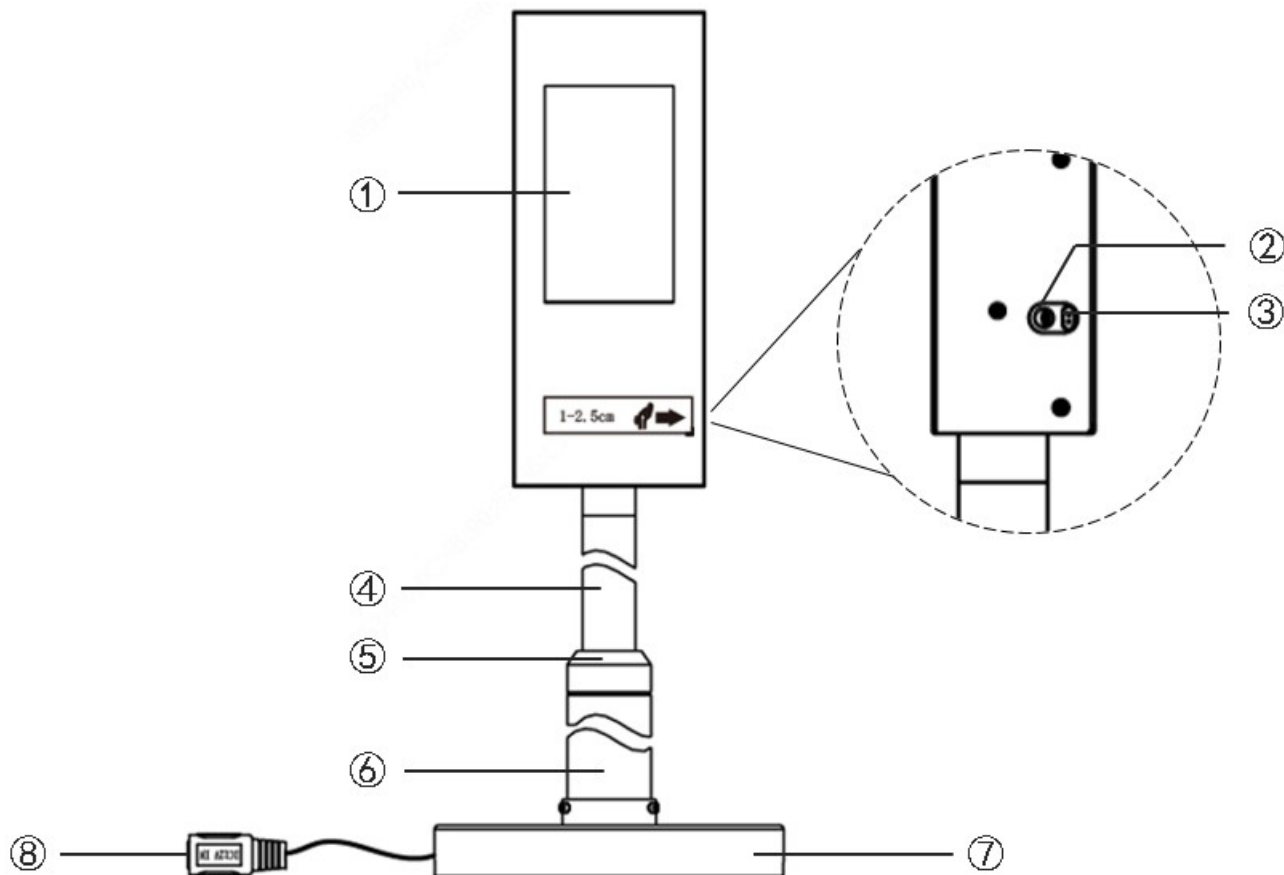
Appearance and Dimensions

See the actual device for appearance. The figure below shows device dimensions. (Unit: mm)



Structure and Cable

The figure below shows the structure and cable of the device. The actual device may vary.



1. Display screen	2. Temperature measurement module
3. Distance measurement module	4. Extension pole
5. Adapter	6. Pole base
7. Round base plate	8. DC 12V power cable

Device Installation

Tools Preparation

- Antistatic wrist strap or antistatic gloves
- Marker
- Electric drill
- 14mm wrench

Installation

You may choose ground installation or base plate installation. The steps are as follows.

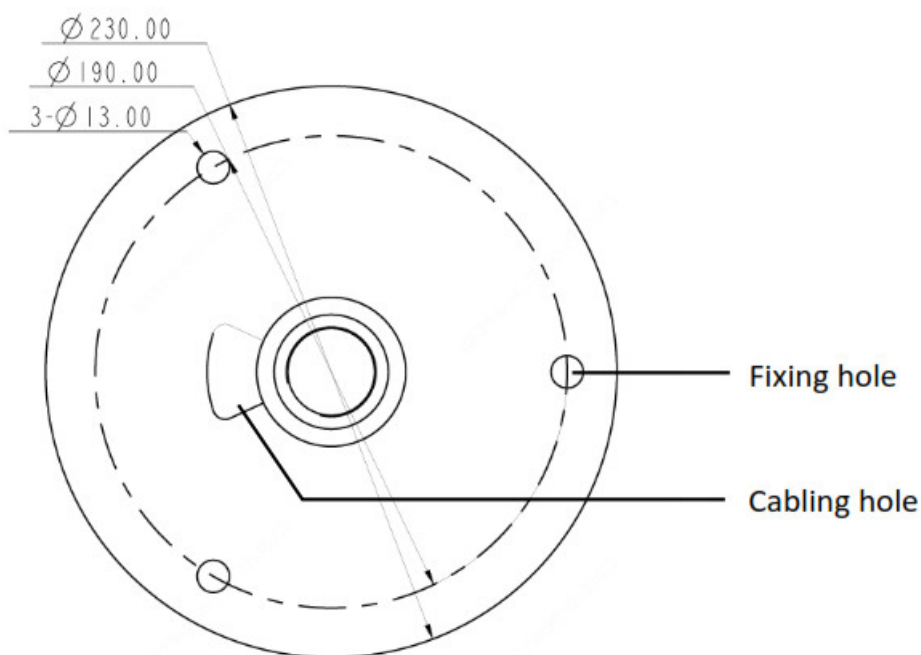


NOTE!

For long-term use at a fixed location, ground installation should be adopted.

3.2.1 Ground Installation

1. Mark the positions of holes on the ground by referring to the following figure.



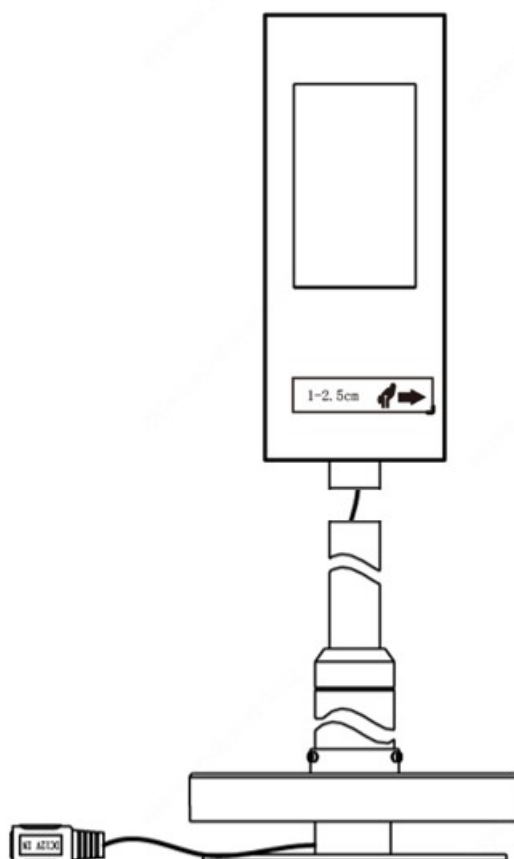
2. Use the electric drill to drill holes according to the marked positions.
3. Turn the extension pole clockwise to connect it to the pole base.



NOTE!

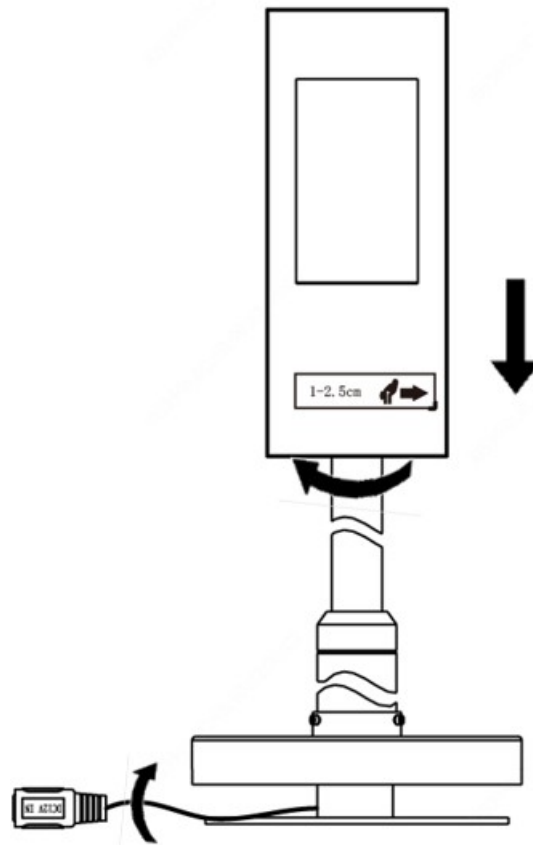
You may choose to install 1, 2 or no extension poles based on your needs. After installation, the distance between the temperature measurement module and the ground will be 1m if one extension pole is used, 1.25m if two extension poles are used, and 0.75m if no extension pole is used.

4. Lead the cable through the standing pole and out through the cabling hole on the pole base.



WARNING!

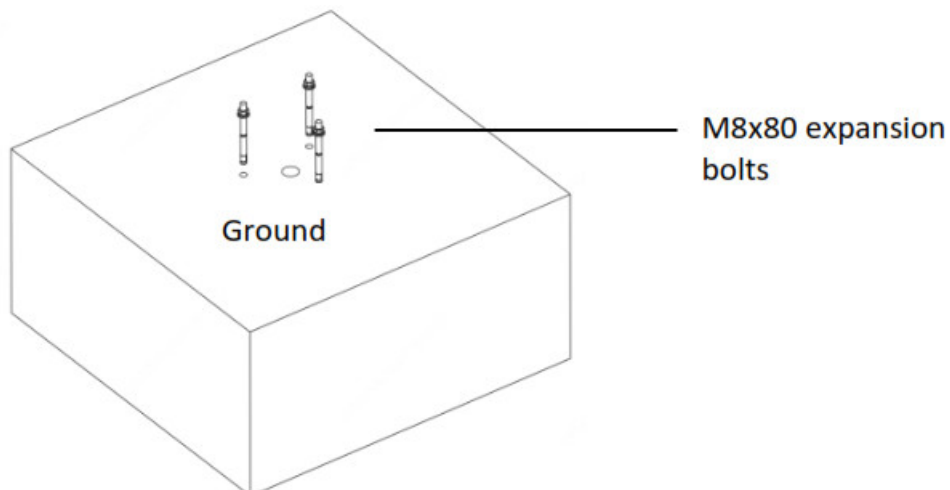
Do not hold the tail cable by hand for weight-bearing. Otherwise, the cables may be loosened.



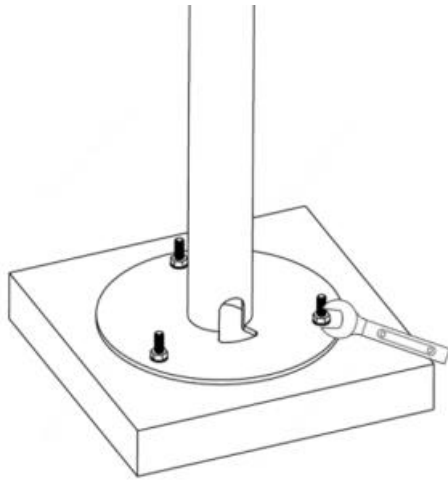
WARNING!

When turning the measuring instrument, make sure the cable at the pole base is not pressed, and the cable inside the standing pole rotates with the instrument correspondingly. Otherwise, the cabling inside the measuring instrument may be loosened, and device functions may be affected.

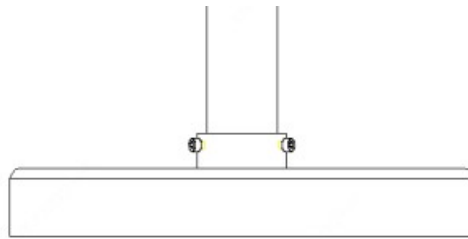
5. Insert M8X80 expansion bolts into the three fixing holes on the ground, and make sure that the expansion bolts are a bit higher than the ground.



6. Erect the standing pole, align the hole position at pole bottom with the expansion bolts fixed on the ground, adjust the standing pole so that it's perpendicular to the ground, adjust device direction, and then fasten the standing pole with nuts.



7. Lead the tail cable out through the hole on the round base plate.
8. Refer to the figure below to fasten the base plate with screws.



3.2.2 Base Plate Installation

1. Connect the measuring instrument, extension pole, and pole base by referring to Step 3 to Step 5 in Ground Installation.
2. Fasten the base plate with screws by referring to Step 9 in Ground Installation.

Device Operation

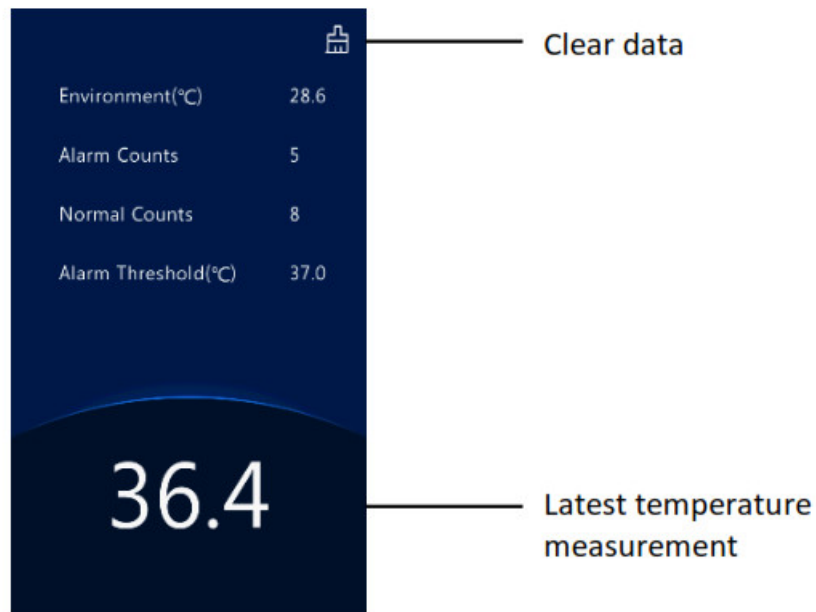
Device Startup

After installation is completed, connect the supplied power cable to power via a power adapter to start up the device. The device starts up successfully when the display screen lights up.

Device Working

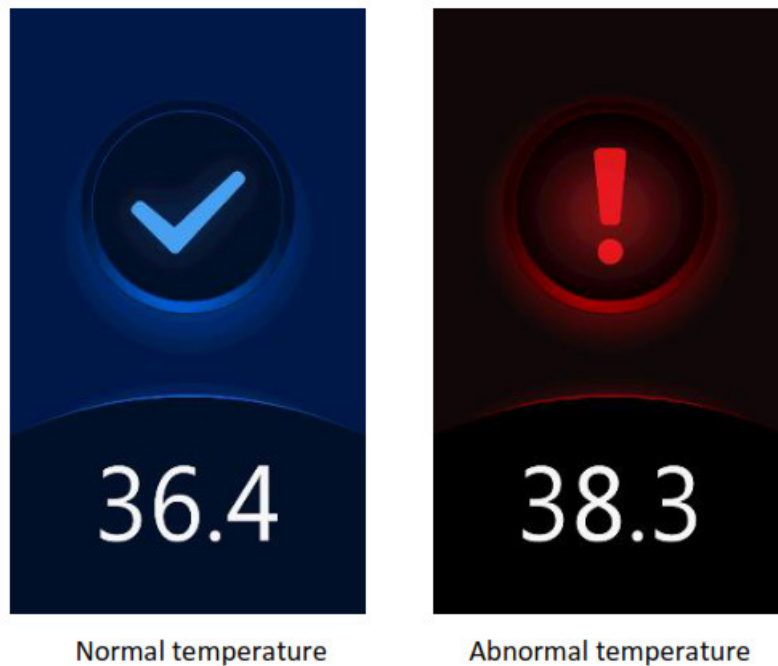
1. Not Measuring Temperature

When the device is not measuring temperature, environment temperature, the a number of alarms and normal temperatures measured are displayed on the screen.



2. Measuring Temperature

To take a temperature, place your wrist 1cm -2.5cm to the temperature measurement module. The screen displays as follows.



Device Activation

Long press the display screen. In the displayed password input interface, enter the password (the default is admin) to go to the Activation Config interface.



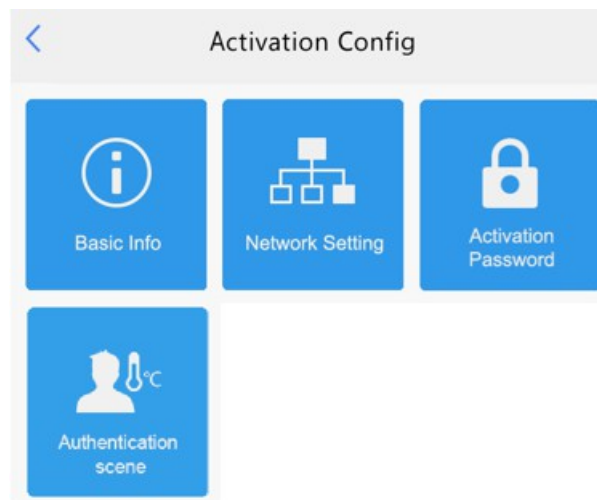
NOTE!

The default activation password is intended for initial use. Please enter the new activation password if it has been changed.

Please enter the password


Cancel OK

On the Activation Config interface, you can view the device's basic information, configure the network, and change the password.



1. Basic Info

View device status in real-time, so that you can maintain the device better.

Click  in the Activation Config interface to enter Basic Info.

Basic Info	
Model	OTC-513
Firmware Version	P20HUB00HAF11_00HAF11_0000F
Hardware Version	A
Boot Version	V1.2
Serial No.	210235C3VC4821600063
Network	20-HUB-11-00HAF11_00HAF11_0000F-A-1.1
MAC Address	48-6E-BB-8A-2D-FE
System Time	2019/9/27 17:09:18
Operation Time	0Day(s)0Hour(s)53Minute(s)
Management Server	Offline(0.0.0.0:5060)
Edge Storage	Normal

2. Network Setting

1. Click  in the Activation Config interface.

Network Setting

IP Address

204.4.1.249

Subnet Mask

255.255.255.0

Default Gateway

204.4.1.1

Save

2. Set network parameters by referring to the table below.

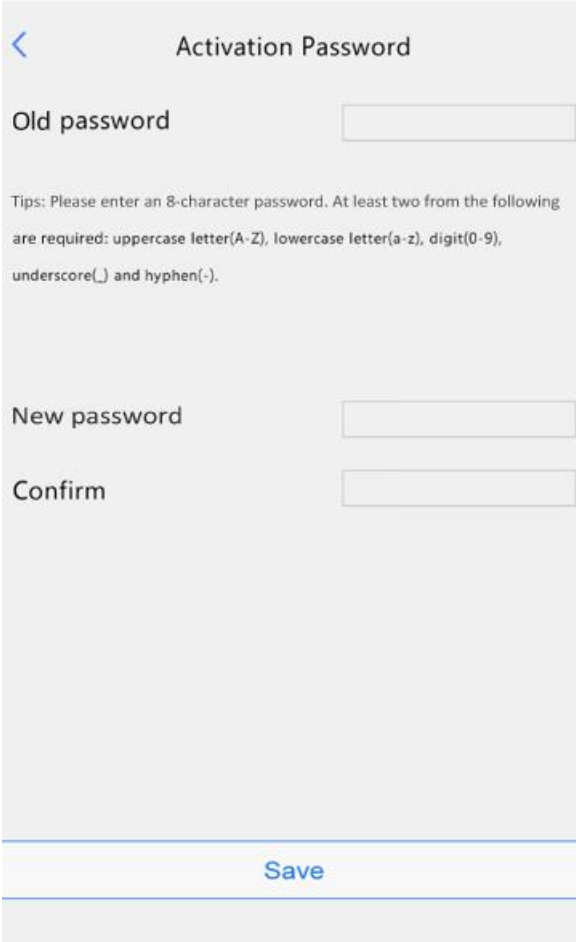
Parameter	Description
IP Address	Enter the IP address of the device. The IP address of the device must be unique across the network.
Subnet Mask	Enter the subnet mask of the device.
Default Gateway	Enter the default gateway of the device.

3. Click Save.

3. Activation Password

The default activation password is admin. Follow the steps below to change the activation password.

1. Click  in the Activation Config interface.



< Activation Password

Old password

Tips: Please enter an 8-character password. At least two from the following are required: uppercase letter(A-Z), lowercase letter(a-z), digit(0-9), underscore(_) and hyphen(-).

New password

Confirm

Save

2. Enter the old password, new password, and confirm the new password as required.



NOTE!

- The password should be at least 8 characters including two elements of the following four: uppercase letters, lowercase letters, digits, and underscores, and hyphens.
- The Confirm field must be consistent with the New Password field.

4. Authentication Scene

Configure temperature measurement range and temperature alarm threshold.



1. Click in the Activation Config interface.

< Authentication scene

Temperature Range 35.5 °C ~ 42.0 °C

Temperature Alarm Threshold 37.3 °C

Tip: Exceeding the alarm threshold is abnormal high temperature.

Save

2. The table below shows details.

Parameter	Description
Temperature range	Valid range: 30-45. Default range:35.5-42. Configure the range based on actual application scenes.
Temperature alarm threshold	When the temperature measurement module detects a temperature higher than the threshold, the abnormal temperature alarm is displayed on the GUI and the corresponding warning is sounded. Valid range: 30-45. Default: 37.3.

3. Click Save.

Documents / Resources



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