

User manual

Infrared people counter

MODEL: HX-HE1



First of all, we would like to express our most sincere thanks to you for purchasing our products.

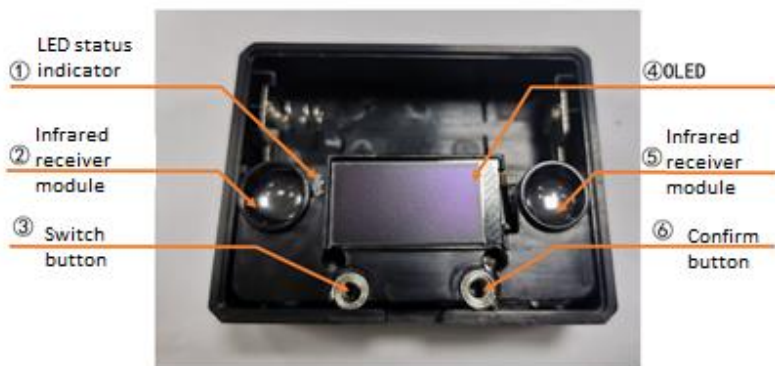
Please read this manual carefully and use it correctly.

The warranty is enclosed in this manual, please keep it properly and take it out for reading when necessary.

HX-HE1 infrared passenger flow counter is an ultra-small, battery-powered, WIFI transmission passenger flow counting terminal, which provides a quick deployment, simple and efficient passenger flow statistics solution for various chain stores, supermarkets, scenic spots, libraries and other places .

一、Equipment introduction

1、Infrared passenger flow receiver



① LED status indicator

Red indicator light: As an infrared focus indicator, when the passenger flow counting terminal cannot receive the infrared signal from the infrared transmitter, the indicator light flashes.



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Yellow indicator light: As a battery alarm and charging indicator, when the battery voltage is too low, the indicator flashes to remind you to charge or replace the battery. When the battery is charged through the USB interface, the indicator light is always on.

Blue indicator light: indicates WIFI network transmission or data storage instructions.

- ② Infrared receiving module: receiving infrared signals from infrared transmitters
- ③ Switching button: Touch through (touch-sensing antenna position) to wake up the OLED display. When the OLED display is on, the display content of the OLED display is switched every time you touch it.
- ④ OLED display: It can display the current power and product serial number, working parameters, working time and start AP menu. When there is no touch operation for more than 10 seconds, the display automatically turns off to reduce power consumption.
- ⑤ Confirm button: The display content switches to the "Long press to start AP" interface, and long press the confirm button for 5 seconds until the screen displays "AP is starting, please wait" and the countdown time is displayed, the device will enter the network configuration mode.

2、Infrared passenger flow transmitter



① LED indicator

Red indicator light: As a battery warning indicator, when the battery voltage is too low, the indicator light flashes to remind you to charge or replace the battery.

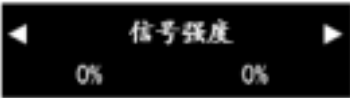

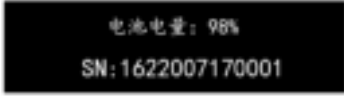
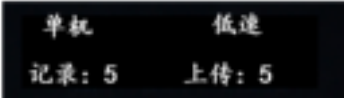
Blue indicator light: As a self-check indicator, when the battery is installed, the blue light flashes 3 times and then goes out, indicating that the device is normal.

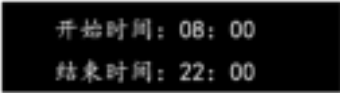
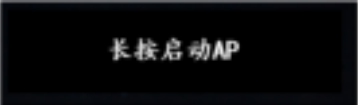
② Fast and slow speed switch: used to control the transmitter power, detect high and low speed people flow switching, NO position is high speed, 12 position is low speed, after changing the position of the DIP switch, it needs to reinstall the battery to start to take effect.

③ Infrared transmitter module: transmit infrared wireless signal

二、Introduction to screen display

The OLED display can be awakened by touching the light-transmitting bar (touch-sensing antenna position) with your hand. When the OLED display is on, the display content of the OLED display will be switched every time you touch it, which can display:

	<p>The device will bounce every time it is powered on, indicating the strength of the infrared signal currently received, so that on-site personnel can check whether the device is aligned.</p>
	<p>The number of people in both directions of the day, the date of the day, the current time (the passenger flow data is automatically cleared to zero every day at 23:59.)</p>
	<p>Remaining battery power Unique product serial number</p>
	<p>Equipment working mode: stand-alone mode, networking mode Equipment working mode: low speed (walking speed), high speed (trotting speed) Recording cycle (not in stand-alone mode) upload cycle (not in stand-alone mode)</p>

	Current operating business hours range Outside business hours, the passenger flow counting terminal automatically enters the dormant state, during which no counting is performed, and the business start time is automatically activated.
	Start the AP mode function operation interface

三、Terminal configuration introduction

1、Passenger flow terminal opens AP mode

Switch the display content of the passenger flow counting terminal to the "Long press to start AP" interface, press and hold the confirmation button for 5 seconds, the screen displays "Running" and the countdown time is displayed.



2、Connect to the passenger flow counting terminal

Turn on the smart phone wireless LAN, search the WIFI network, find a network hotspot named "HXZY", join this network, and make sure

that the network is successfully connected.



After the passenger flow counting terminal starts the AP service (WIFI hotspot), if there is no mobile phone connected to the "HXZY" network within 30 seconds, the AP service will be automatically closed. Therefore, you need to pay attention to the countdown on the passenger flow counting terminal screen, and the countdown will restart every time you touch it again.

If the mobile phone is connected to the "HXZY" network, the AP service (WIFI hotspot) of the passenger flow counting terminal will continue to be maintained, so there is no need to worry about the countdown time.

If there are other wireless devices in use or WIFI channel interference around the current passenger flow counting terminal, it may fail to add the network, you can try to add again until the network connection is successful.

3、Passenger flow counting terminal configuration interface

Open the browser, enter: 192.168.8.1 in the browser address bar, press Enter (GO) to enter the passenger flow counting terminal setting page. The initial password is 1234, you need to enter the password to log in before you can select and set the content.



4、Single machine parameter configuration

The passenger flow counting terminal needs to enter the "single machine parameter" configuration interface when it runs for the first time to configure the business hours and data reporting period.

5、Networking configuration

If the data needs to be reported to the cloud platform, enter the "Network Configuration" to configure the WIFI network name, password and server address provided by the store.



NOTE:

Before configuration, you need to prepare a smart phone with WIFI function to complete the subsequent configuration work.

Tip: The passenger flow counting terminal starts the AP service (WiFi hotspot mode) is very power-consuming. It is recommended to complete the settings as soon as possible and close the AP service in time.

NOTE:

The passenger flow counting receiving terminal is installed on the right side of the pedestrian entering direction at the entrance and exit, the passenger flow counting terminal USB interface is facing downwards, and the passenger flow counting terminal infrared receiving unit faces the infrared transmitter. Use the matching double-sided tape or screws to fix the passenger flow counting terminal at a height of 1.2 On the wall or door frame of the left and right meters, ensure that the passenger flow counting terminal and the infrared transmitter can be aligned.



Warning: Changes or modifications to this unit not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

NOTE: This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

FCC Statement:

This equipment has been tested and found to comply with the limits for



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a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

RF exposure compliance statement:

This device has been evaluated to meet the general RF exposure requirement

After-sales service

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