Technology you can count on

WF-5001 TECHNOLOGY

PERSON COUNTER SYSTEM

Products images：

IMPORTANT NOTE：

- WF-5001 is a stand along type to work with SD card to store the counter log data with the real time clock inside

- WF-5001 is suitable for indoor project and when use it in the outdoor condition, should take care of the water proof site

- Avoid to the sun light direct on the front face of the receiver panel

- Take care of the lens on the front of the device to make sure the device working on the good sensitivity

- In case of any problems,please contact WAFER or your local agent as soon as possible. Don't suggest to do the repair by yourself, that would bring the warranty terms void

Before You Start, We strongly advise that you read the installation and operating instructions before attempting to use the equipment.

Correct positioning and setting up is important.

Don't insert the SD card with the device is powered on.

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WHY COUNT PEOPLE ?

Optimize Your Promotional Spending

Advertising and store organization both attract and influence customers. Measuring human traffic helps sort out each factor's influence. Generally, a campaign producing a 7% rise in total sales could be declared a success. However,if people counting figures showed a 30% increase in visitors,the campaign hasn't reached its full potential!

Measuring customer traffic has several benefits:

- Get a much more accurate idea of the relative importance of sales and visitor aspects on your business.
- Seize this new opportunity to focus your efforts effectively.
- Optimize your advertising and promotional budgets.

Compare Locations

A more detailed vision will allow subtler responses to changing circumstances. Counting your visitors gives you a comprehensive view of the employees' efforts in each store:

Compare individual store performances.

Provide a fairer evaluation when equipped with complete knowledge.

For example, if a store experiences reduced sales while maintaining its conversion rate with the diminished number of visitors, this could be due to outside circumstances beyond the employees' control.

Assess the Effects of Changes

Changes are regularly made inside shopping centres, such as tenant turnout, renovations or special events. A store needs to evaluate two kinds of customer traffic: outside traffic (people passing in front of the store) and inside traffic (people actually inside the store).The inside/outside ratio gives your store's attraction rate, which provides a good idea of the influence of changes brought about in the front window or even to the store's general layout

Improve Customer Service

Waiting too long can cause the customer to go elsewhere next time. Measuring your customer traffic precisely tells you how many people are present in the store and thus help you to adjust employee assignment, especially at the cash registers, a common source of customer dissatisfaction.

Respect Safety Regulations

Some buildings are imposed limits on the number of persons allowed inside. An automatic counting system helps in limiting the attendance to the authorized number and provides the concerned authorities with verifiable numbers.

The Future

Measuring interior and exterior human traffic is a new field of activity which will offer benefits we haven't yet imagined.

- Help better dispose and display merchandise.
- Obtain figures on service efficiency at the cash registers.
- Count cars in your parking area and get a complete profile of your human traffic.

Overview of the WF-5001

The WF-5001 indoor people counter is designed to provide a simple, robust and reliable counting system suitable for public areas with entrances and exits up to 12 metres wide.

The system consists of a transmitter and receiver that are placed on either side of the entrance. The units are powered with the attached DC7.5V power adapter and have low power consumption. The system uses a fast-pulse narrow infra-red beam and operates effectively in all indoor conditions, including strong sunlight.

The units are supplied in strong ABS boxes suitable for high usage areas and with tamper-proof screws making the counter highly resistant to vandalism.

WF-5001 use the LED light and inside beepter to indicate the working status, and error status.

WF-5001 store the data log to the SD card and easy to download the data from SD to PC.

Fast installation：

1. Choosing the ideal location for the WF-5001

   Taking into consideration its surroundings and the opposite wall or surface for the Transmitter,Receiver box and power supply to be located.Temporarily fix your WF-5001 to the desired location.
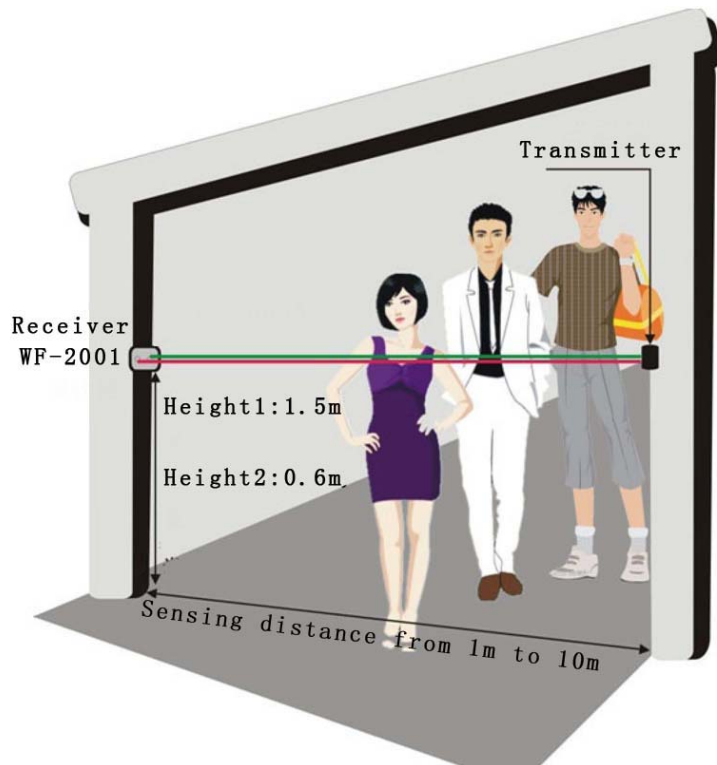
2. Choosing the power supply

   Ensure there is a mains power socket close by to plug the DC7.5V power adapter.

3. Mounting place

   Confirm that the location has a smooth flt surface and is rigit. It is best if the surface face is perpendicular to the opposite wall there a receiver and transmitter will be fitted.

4. Mounting height

   A typical mounting height for the WF-5001 is approx 1 meter from the floor,also you can select the 1.5 meter or 0.6 meters.please don't install the WF-5001 people counter below 12cm from the floor as the unit will miss-count due to people walking over the beams：

Height 1：1.50 meter from the floor：
1.5m mounting height or even mounted higher to omit children,also will not be disturbed by the arm swing.

Height 2：0.6 meter from the floor：
0.6m mouting height is better to count all people including the children. also will not be disturbed by the arm swing or leg walking.

5. Transmitter test：

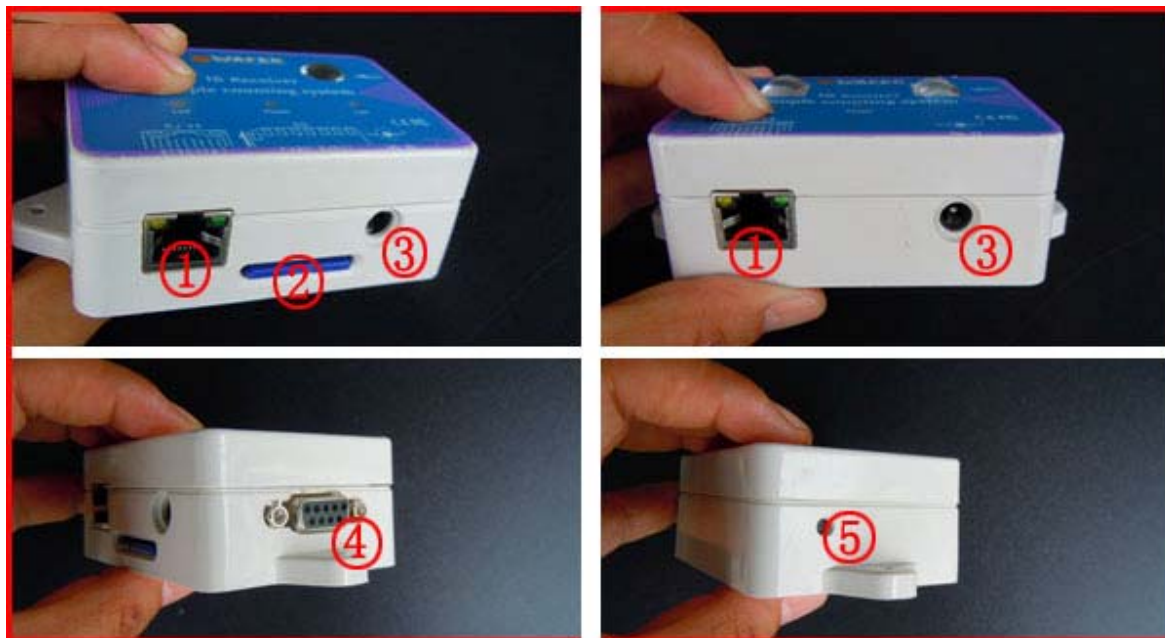   After power on,transmitter will have the power LED on to show the power status

6. Testing the Alignment：

   Power up the transmitter and receiver to test the unit by walking "IN" and "OUT"of the entrance 10 times to check if the Green IN and OUT LED on the receiver box are working correctly.

7. Fix the transmitter and receiver box
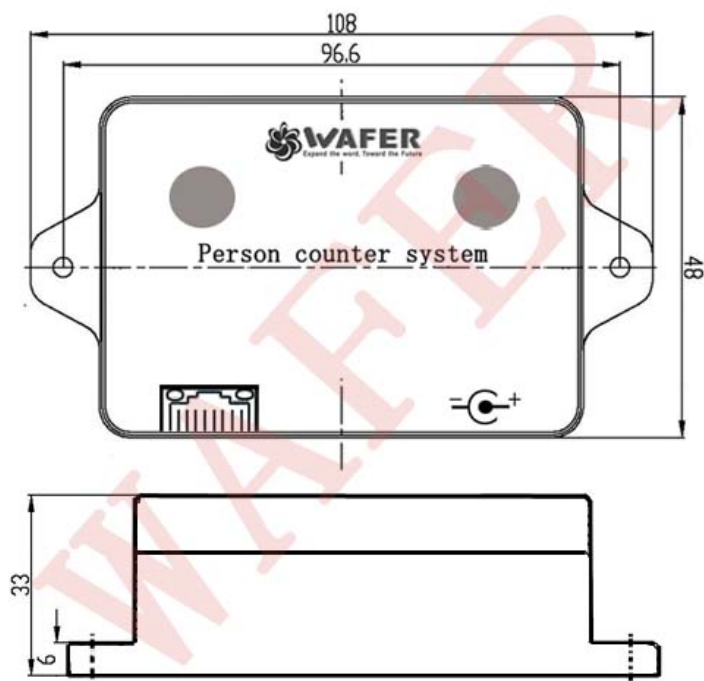
8. After installation,use a thin rod to press the reset button one time,then the counter will start to do the count from the start.

Picture of the connectors：

① RJ45 internet socket（for WF-2002）;　② SD card socket;　③ DC7.5V power adapter socket;

④ RS232 communication socket（for WF-2003）;　⑤ Counter Reset button

Dimension（mm）：
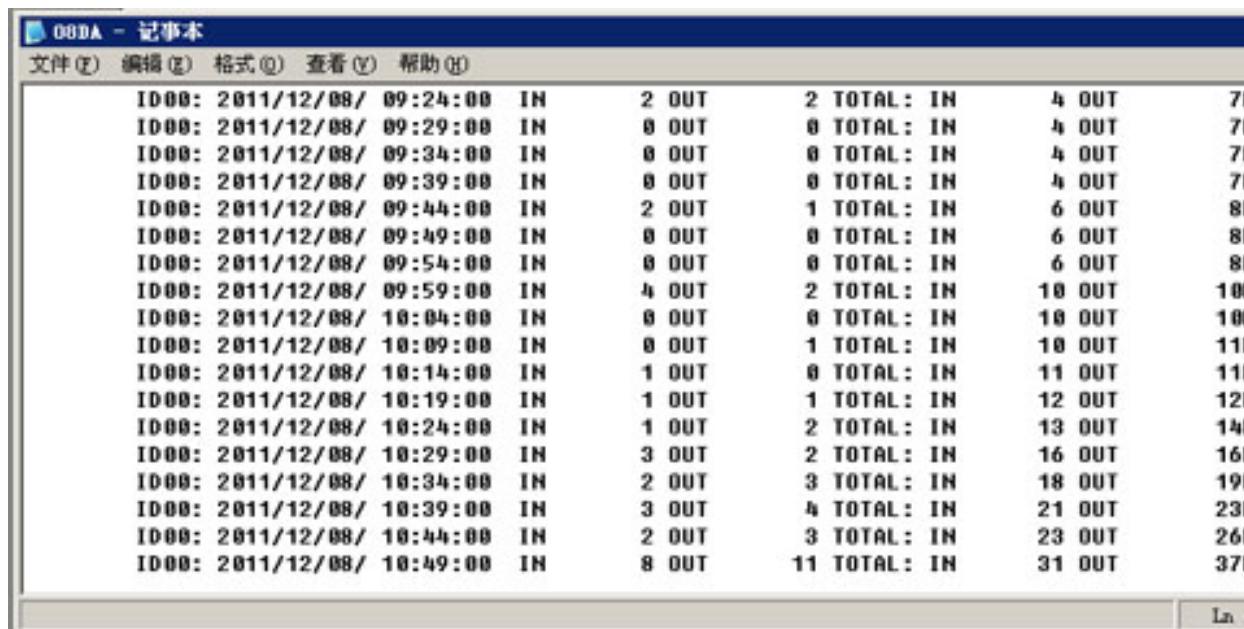
Package Picture：

Package Contents：

Thank you for purchasing a WF-5001 Person counter device. Your package contains
1、   WF-5001 person counter -----   Receiver and transmitter box
2、   DC7.5V Power adapter   2 PCS
3、   SD Card   1 Pcs
4、   SD Card Reader（Pictures only for reference）
5、   Sticker   2 pcs

SOFTWARE SETUP IN GENERAL：

SD CARD LOG file list:

Easy troubleshooting：

Symptoms	Probable causes	Correction action
No power LED lights up	The device power is off	Check the wiring and the power supply
Green LED on the receiver box not work and speeker alarm	1、Check the receiver and transmitter is in the Alignment. 2、Check the sensing distance is shorter than 10m	To make sure that receiver and tranmistter is installed in the same height
Green LED on the receiver box can work but speeker alarm	1、Check the SD card is inside the box 2、Check the SD card is good 3、check the Alignment of the device	Check the card and change to a new SD to make sure that is in good condition

Our customer's project show：

西安万达商业广场

成都万达商业广场

宁波万达商业广场

国美电器

上海星游城

上海世博会（西班牙馆）

上海世博会（天津馆）

上海世博会（震旦馆）

深圳博物馆

恒大绿洲售楼部

北京 IKEA 宜家

松下中国总部

安徽合肥（瑞景国际购物广场）

陕西省图书馆

成都国色天乡乐园

中法文化交流中心

苹果中国

广州龙粤通讯集团

永乐生活电器

百联天府购物广场

成都财富中心

广场房地产交易中心

耐克服装专卖

Cache－Cache 法国女装

同一首歌KTV

道洋电脑超市

新世纪电脑城

人才招聘市场