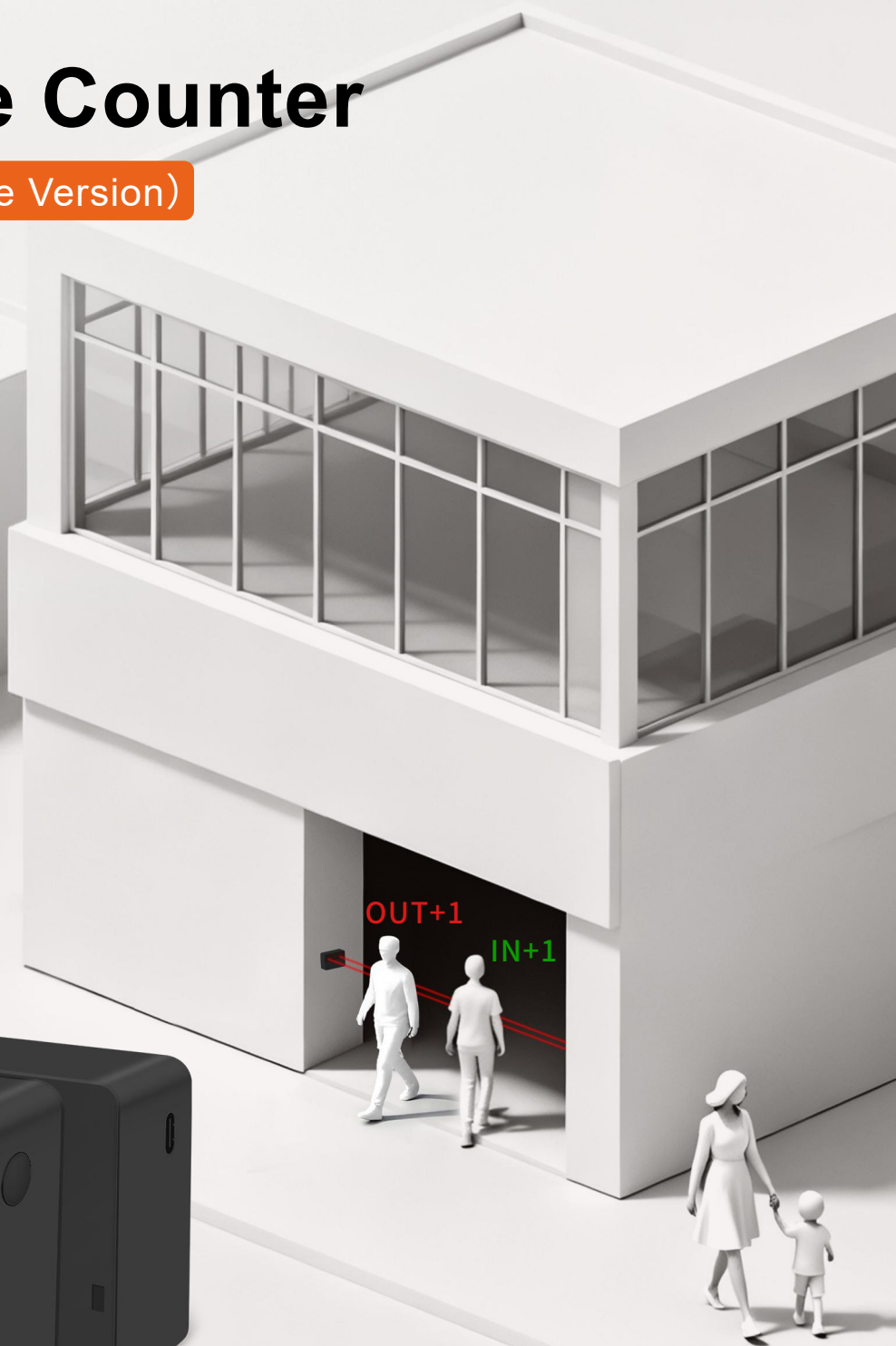


IR People Counter

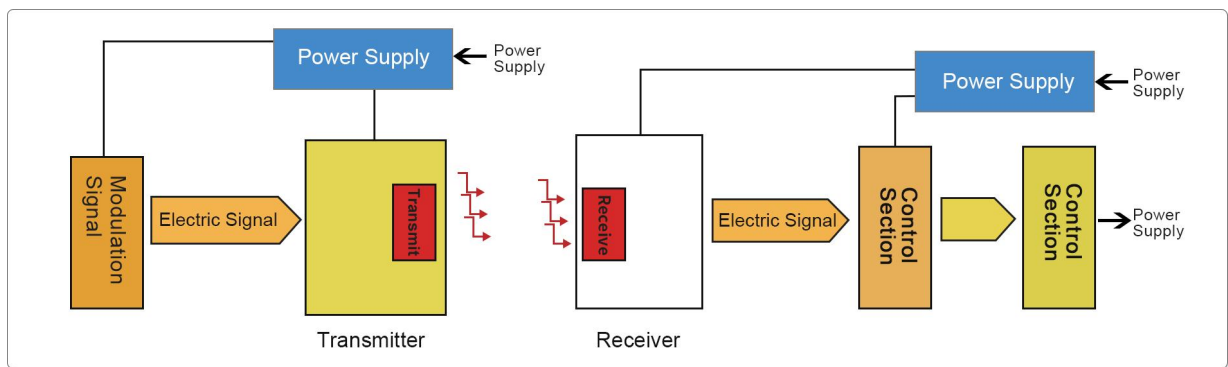
FP110 (Standalone Version)



Core Technology

Infrared Blocking Technology

Often used in sensors that detect objects, infrared blocking technology is an active infrared technology that requires a transmitter and a receiver. It works by having a transmitter emit a beam of infrared light that is invisible to the human eye, and then placing a receiver that is sensitive to the same light on the opposite side. When something opaque to infrared passes between the two, the beam is "broken" and the receiver gets the information. It can detect objects in light and dark environments without relying on lighting conditions. But accuracy is easily affected by obstacles and the number of people passing by. It may only be suitable for detecting occupancy with a "yes" or "no".

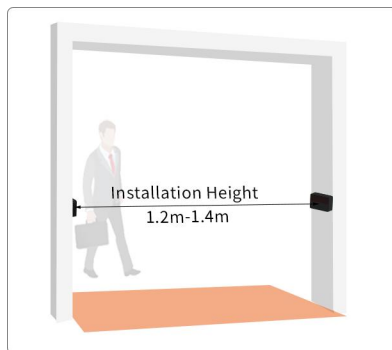


Technological Advantages

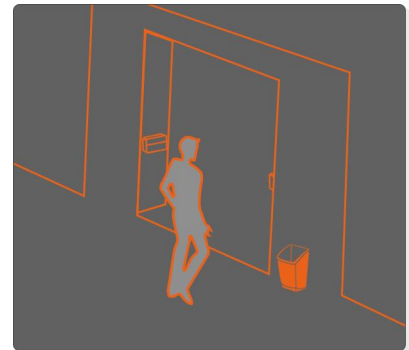
IR people counter uses infrared blocking technology. The device is divided into two parts: an infrared transmitter and an infrared receiver, which are installed on the left and right sides of the door or passage. When a person passes by, the infrared rays will be blocked. By counting the number of times the infrared rays are blocked, the number of people passing through each day can be calculated, thereby realizing passenger flow statistics. The IR people counter is small in size, easy to install, cost-effective, and has good privacy protection. It can be used normally in dark environments.



Small Size



Easy Installation



Available in Dark Environment

Privacy Protection

This IR people counter device uses infrared blocking technology and is deployed in public places. It focuses on accurately counting passenger flow and provides data support for efficient operation of the venue.

The device adheres to the bottom line of privacy protection and only collects passenger flow data, such as the number of people entering and leaving, for counting passenger flow, and never involves any personal information.



Product Function



Real-time and Accurate Statistics

It supports accurate counting of a single person walking normally, passing quickly, and the elderly walking slowly. Under standard conditions, the accuracy rate of a single person entering and exiting normally is as high as 97%.



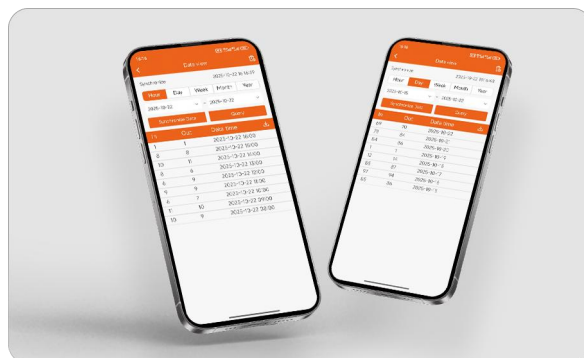
Stable and Efficient Data Transmission

It allows your phone's configuration interface to directly "point" to the device, enabling quick discovery, one-click connection, and precise configuration.



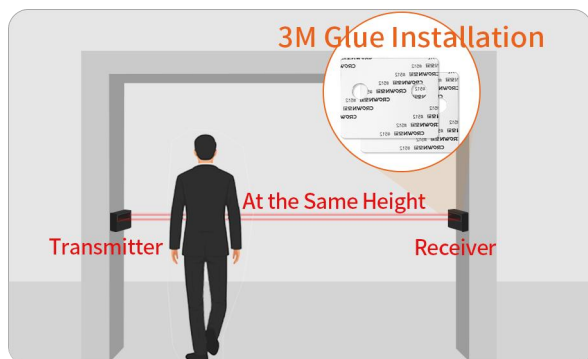
Flexible Power Supply Options

Supports Type-C port power supply to meet the needs of different scenarios. The device comes standard with 4 18650 rechargeable batteries and a battery charger.



APP Data Query

In standalone mode, the device can query multi-dimensional data through the mobile app and support exporting CSV files.



Minimal Installation Experience

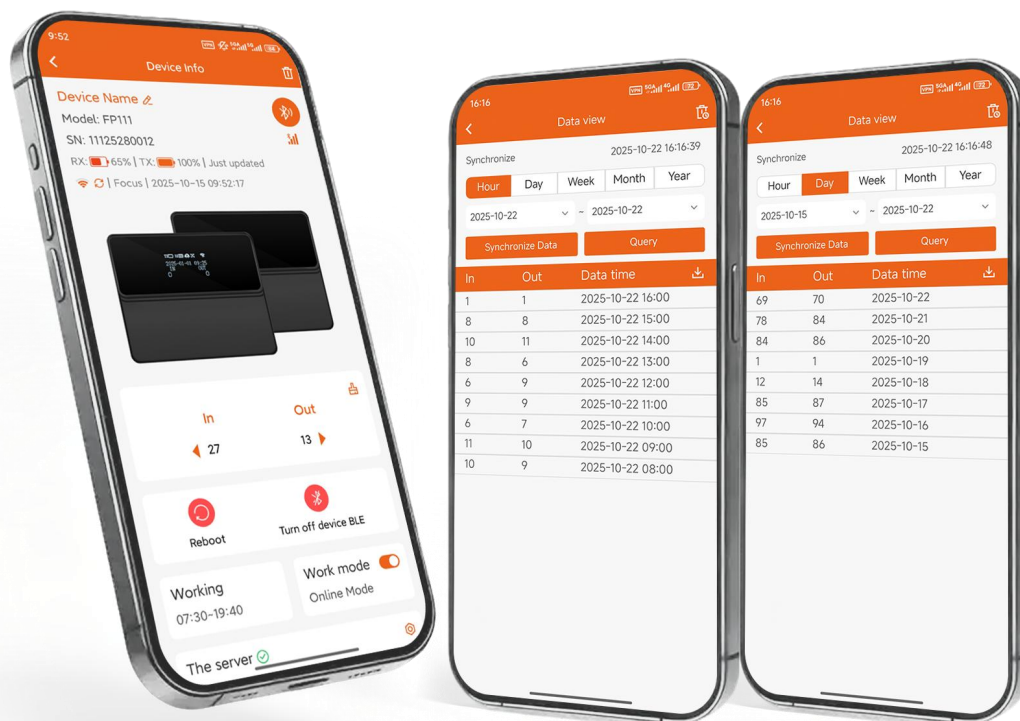
No wiring or drilling required, 3M glue is included. You only need to configure the network simply, install it with 3M super glue, easily pair it, and start using it immediately.



Strong Anti-interference Ability

Supports normal use in ESA alarms and other infrared bands.

Data Display



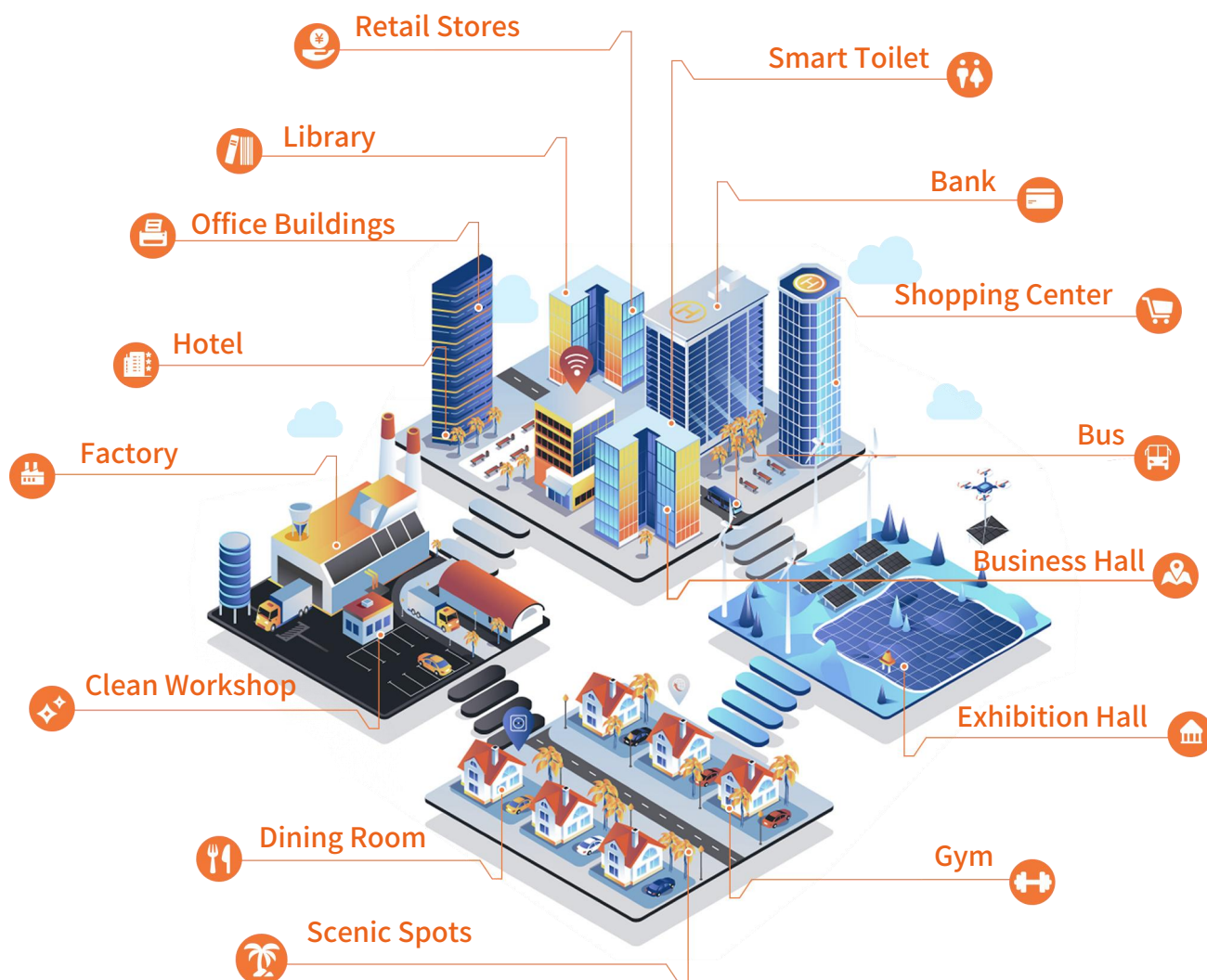
Mobile APP

The mobile app collects customer flow data through smart hardware, providing store operators with a scientific basis for analysis and multi-dimensional data query, allowing for convenient and quick access anytime, anywhere.

Data Viewing and Exporting: Click "View Data" to jump to the historical data record page, where you can view detailed entry and exit statistics for a specific time period. Click "Download" to export the report.

Applicable Scenarios

It is widely used in shopping malls, retail stores, scenic spots, libraries, museums, restaurants, factories, supermarkets, parks, office buildings and toilets. It is easy to install, does not require drilling and wiring, has a long battery life, and is cost-effective, winning market acclaim. As an intelligent tool, it accurately counts passenger flow, helps space management and service optimization, and is an ideal choice for public and commercial spaces.



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