

Specification

IR People Counter

FP110 (Standalone Version)

Version V1.4

❖ Product Introduction

The IR people counter FP110 (standalone version) is mainly based on infrared blocking counting. The infrared receiving module automatically identifies the walking direction of pedestrians by the infrared blocking direction and generates a count. It is widely used in shopping malls, retail stores, public transportation, scenic spots, libraries, museums, restaurants, factories, supermarkets, parks, buildings, toilets, etc.

❖ Product Features

- ◆ **Accurate Counting in Multiple Scenarios:** Supports accurate counting of single people walking normally, passing quickly, and elderly people walking slowly.
- ◆ **Simple Installation Experience:** After configuration, simply paste the pairing code and start using it. Operation is effortless.
- ◆ **Flexible Power Supply Options:** It has four built-in 18650 batteries and supports Type-C interface charging and external power supply (5V/2A adapter not included).
- ◆ **Convenient App Management:** Once the device is connected to Bluetooth, you can upgrade to the latest version with a single click in the app. If a device malfunctions, you can also perform a one-click self-diagnosis.
- ◆ **App Data Query:** Query multi-dimensional data (hourly data for the last 720 hours, daily data for the last 730 days, weekly data for 100 weeks, monthly data for the last 120 months, and annual data for the last 10 years) through the mobile app, and

support exporting to CSV files.

- ◆ **Strong Anti-interference Ability:** Supports normal operation under ESA alarms and other infrared bands.

❖ Product Structure

• Product Images



• Product Accessories



3M Adhesive *4



Charging Cable *2



Quick Guide *1

- ⚠ The device contains 4 18650 batteries.
- ⚠ If any of the above items are damaged or lost, please contact your supplier in a timely manner.

❖ Product Parameters

Product Model	FP110
Infrared operating frequency band	860nm 180hz~240hz
Mounting Method	Fixed installation on the same horizontal line on both sides of the aisle
Detection Range	<Short Range> 1m-10m indoors, 1m-6m outdoors
	<Medium Range> 1m-12m indoors, 1m-8m outdoors
	<Long Range> 1m-15m indoors, 1m-9m outdoors
Accuracy	Under standard conditions, the normal entry and exit rate for a single person is as high as 97%.
Mounting Height	1.2m-1.4m
Power	0.0004W~0.04W
Power Supply	3.7V lithium battery (3500mAh)/Type-c wired power supply(5V2A)
Communication Method	Bluetooth 5.1
Data Upload Method	/
Data Storage	720 hours / 730 days / 120 months / 10 years
Battery Life	1 year
Working Environment	Operating temperature (-20°C to 55°C)
	Operating humidity (10% to 80% RH (non-condensing))
	Storage temperature (-40°C to 70°C)
	Storage humidity (5% to 90% RH (non-condensing))
Product Dimensions (mm)	78 x 64 x 30, Weight (Kg): 0.15/set
Packaging Dimensions (mm)	240 x 100 x 95, Weight (Kg): 0.5/set (including accessories)
Outer Carton Dimensions (mm)	500 x 500 x 250 (full case can hold 20 set); Weight (Kg): 11/case
Product Certificates	CE/FCC/RoHs /Quality Inspection Report/1.2m Drop Test Report/Appearance Patent/Utility Model Patent

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