

# Specification

## Radar People Counter

FP-RDN

Version 2025-1.1

### ❖ Product Introduction

The Radar People Counter uses millimeter wave radar technology to achieve high-precision detection, wide coverage, real-time statistics of the number of people in and out, and supports multiple filtering strategies to ensure statistical accuracy while strictly protecting personal privacy. No identity information is required, and advanced algorithms are used to achieve full-state monitoring of sitting, micro-movement, and dynamic. It can be widely used in shopping malls, retail stores, public transportation vehicles, scenic spots, libraries, museums, restaurants, factories, supermarkets, parks, buildings, toilets, etc.

### ❖ Product Features

- ◆ Privacy protection, no collection of personnel identity information
- ◆ Sitting, moving and dynamic personnel detection
- ◆ Support the current number of people in the statistical area
- ◆ Support the cumulative number of statistics
- ◆ Support real-time number detection
- ◆ Support the number of people who get caught up in statistics
- ◆ Support report display and export
- ◆ Supports top mounting and wall mounting, with good scene adaptability
- ◆ Supports mobile phone configuration and easy operation

## ❖ Packing list

### • Product Pictures



Front View

## ❖ Product Parameters

| Key performance parameters  |                                                                                             |
|-----------------------------|---------------------------------------------------------------------------------------------|
| Number of target detections | 16                                                                                          |
| Measuring ability           | Supports the establishment of 6-person zones                                                |
|                             | Support setting 6 person count traps                                                        |
|                             | Support real-time number detection and report personnel location data                       |
|                             | Supports threshold alarm and deployment of the number of people in the area below or above  |
|                             | Support the function of counting the number of people who pass by but do not enter the trap |
|                             | Support the display and export of statistics reports on the number of people supported      |
| Way to install              |                                                                                             |
| Way to install              | Top mounted or wall mounted                                                                 |
| Installation height         | Top mounting: 2m~4.5m; wall mounting: 2m~4m                                                 |
| Coverage range              | Top mounting: maximum 12m*6m; wall mounting: maximum 12m*10m                                |
| Hardware parameters         |                                                                                             |
| Modulation mode             | FMCW                                                                                        |

|                                      |                             |
|--------------------------------------|-----------------------------|
| Work center frequency                | 60GHz                       |
| CI                                   | 2.4GHz WIFI or network port |
| Source                               | DC 12V,1.0A or PoE 48V 0.5A |
| Power dissipation                    | ≤ 3.5W                      |
| Working humidity                     | 5%~ 95%                     |
| Working temperature                  | -20℃~50℃                    |
| Levels of protection                 | IP65                        |
| Weight                               | Approx. 180g (with stand)   |
| Dimensions (length x width x height) | 90.0mm*90.0mm*38.3mm        |

| Website                                            | Technical Support                                    | Sales hotline   | Online purchase                                                        |
|----------------------------------------------------|------------------------------------------------------|-----------------|------------------------------------------------------------------------|
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