

Specification

Radar People Counter

FP-RDN

Version 2025-1.2

❖ 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
Packaging	
Product Specifications (mm)	90 x 90 x 38.3; Weight (Kg): 0.2/unit
Packaging Specifications (mm)	163 x 123 x 83; Weight (Kg): 0.342/unit (including accessories)
Outer Box Specifications (mm)	383 x 335 x 452 (30 units per box); Weight (Kg): 11/box

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