

Specification

Smart Fall Detector

FS-RDN362

Version 2025-1.1

❖ Product Introduction

The FS-RDN362 smart fall detector utilizes 60GHz millimeter-wave radar technology for high-precision detection and wide coverage, enabling real-time detection of falls in complex environments (supporting up to six targets). It supports functions such as standing-up detection, sedentary reminders, fall recovery, and sit-and-fall pattern recognition, effectively reducing missed and false alarm rates and enabling linkage to alarm systems. It is highly adaptable to various environments and requires no identification, strictly protecting personal privacy. It is widely applicable in nursing homes, elderly households living alone, hospital wards, healthcare communities, school dormitories, public restrooms, factories, and industrial parks.

❖ Product Features

- ◆ Privacy protection, no risk of privacy leaks
- ◆ Contactless detection, no discomfort
- ◆ 24-hour continuous fall detection
- ◆ Support multiple installation methods and good scene adaptability
- ◆ Multiple alarm modes, rich functions
- ◆ Voice intercom function, providing caring reminders
- ◆ Compact size, beautiful structure, easy installation

❖ Packing List

• Product Pictures



Front View

❖ Product Parameters

Product Model	FS-RDN362
Key Performance Parameters	
Target Detection Number	6
Detection Function	Supports fall detection in the presence of multiple people (up to 6 detection targets); Supports presence detection; Supports fall detection; Supports stand-up detection (fall recovery); Supports sedentary reminder; Supports sitting fall mode; Supports audible and visual alarms; Supports voice intercom.
Installation	
Installation Method	Ceiling mount or wall mount or corner mount
Installation Height	Ceiling mount: 2m to 4.5m; Wall mount: 2m to 2.5m; Corner mount: 2m to 2.5m.
Coverage Range	Maximum 6m * 6m
Radar Parameters	

Operating Frequency Band	60GHz
Modulation Method	FMCW
Interface	
Wireless Communication Interface	2.4GHz WiFi
Hardware Parameters	
Power Supply	DC 12V, 1.0A (5.5mm round jack)
Power Consumption	≤ 5.3W
Operating Humidity	5% - 95%
Operating Temperature	-20°C - 50°C
IP Rating	IP65
Weight	Approximately 130g (with bracket)
Dimensions (L x W x H)	90.0mm*90.0mm*38.3mm

Website	Technical Support	Sales hotline	Online purchase
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