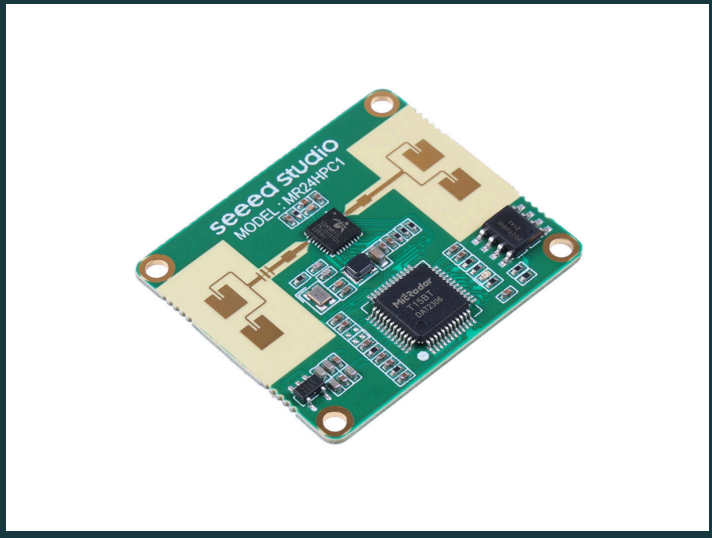
seeed studio

INDUSTRIAL PRODUCT DATASHEET

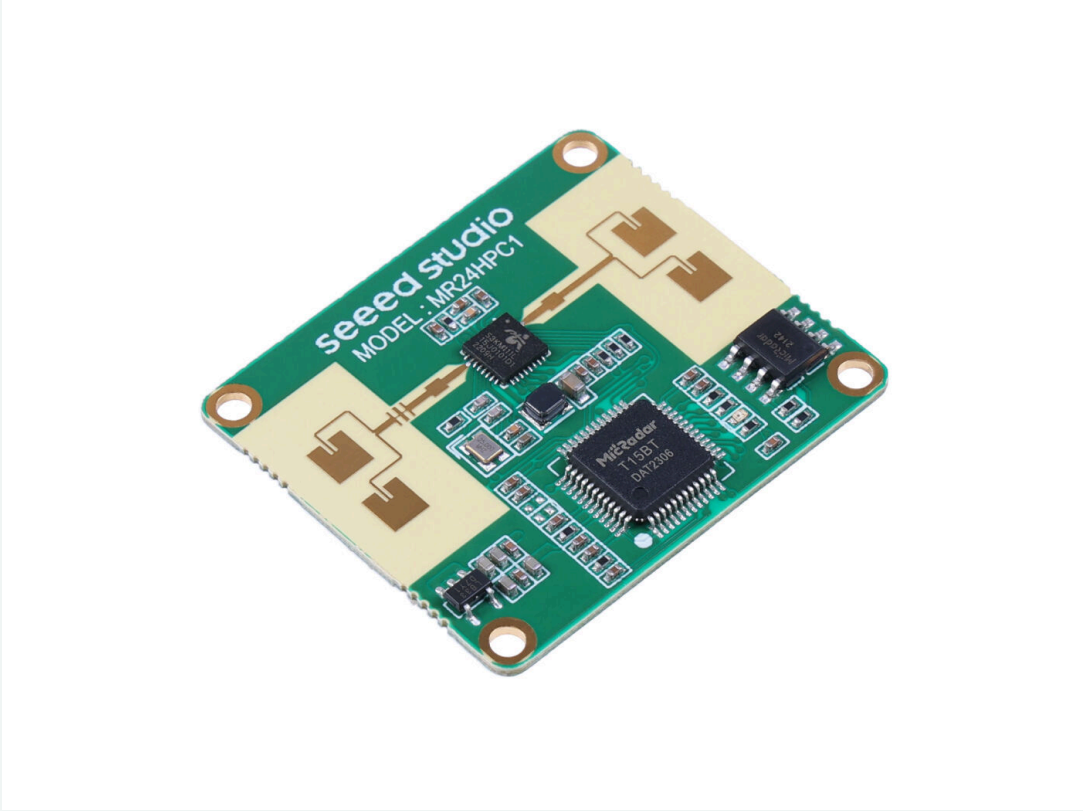
24GHz mmWave Sensor - Human Static Presence Module Lite - human presence, FMCW, Configurable Underlying Parameter, Arduino support, Home Assistant, ESPHome

24GHz mmWave Sensor - Human Static Presence Module Lite is an antenna-integrated, high-sensitivity mmwave radar sensor that is based on the FMCW principle.

SKU	UPDATED	PRICE
101991030	2026-11-11 08:53:46	$6.90(Excl. VAT)



Overview



24GHz mmWave Sensor - Human Static Presence Module Lite is an antenna-integrated, high-sensitivity mmwave radar sensor that is based on the FMCW principle. It is user-friendly by providing visual debugging and configuration tools. It can flexibly adapt to various scenarios as multiple underlying parameters is configurable. With Arduino support, it is an easy-to-use and cost-effective choice for various human presence-detecting applications.

Key Features

01 **Based on the FMCW principle**

highly sensitive and immune to environmental interferences

02 **Visual debugging and configuration tools**

straightforward and simple to use while keeping the data clearly presented

03 **More parameter modulation options**

multiple configurable underlying parameter settings to meet the different needs in various scenarios

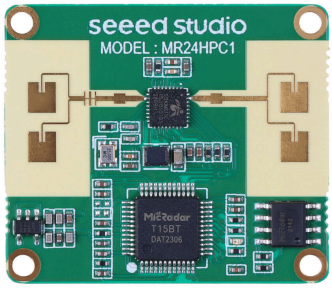
04 **Compatible with Arduino Library**

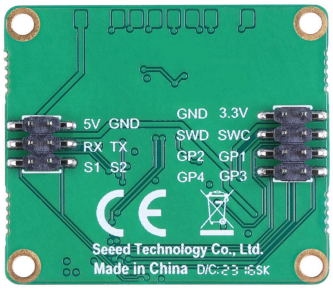
adopts UART and provides Arduino library support

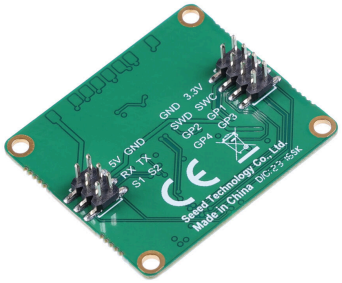
05 **Home Assistant Ready**

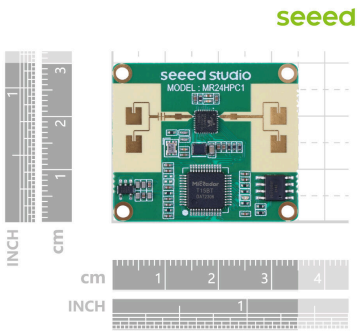
wiki to walk you through how to integrate it with Home Assistant. Get your Raspberry Pi CM4-powered home assistant development board here.

Product Gallery









Applications

- Automatically outdoor lighting
- Automaed door opening
- Whole house monitor
- Intelligent home appliances (TV, bath bully, security, etc.)
- Office energy (air conditioning, lighting)
- Sleep monitoring curve
- Home security
- IPC trigger

Resource Links

- https://www.seeedstudio.com/24GHz-mmWave-Sensor-Human-Static-Presence-Module-Lite-p-5524.html
- User Manual and User Protocol
- Datasheet
- Upper Computer Software
- Quick Setup Template
- CE certification documents

Seeed Technology Co.,Ltd.
9F, Building G3, International E City,
Zhongshanyuan Road, Nanshan, Shenzhen, China

Tel: +86 0755-80695676
Web: www.seeed.cc
Shop: www.seeedstudio.com