seeed studio

INDUSTRIAL PRODUCT DATASHEET

Seeed Studio XIAO mmWave Human Detection Sensor Kit-Home Assistant Compatible

Powered by Seeed Studio XIAO ESP32C3, it supports Wi-Fi/BLE connectivity and offers precise human detection via mmWave sensors.

SKU	UPDATED	PRICE
110061541	2026-11-11 08:58:29	$26.99(Excl. VAT)



Overview



Powered by Seeed Studio XIAO ESP32C3, it supports Wi-Fi/BLE connectivity and offers precise human detection via mmWave sensors. Seamlessly connect grove modules for added features. Achieve easy setup for Home Assistant within 1-2 minutes, coupled with convenient wireless Over-The-Air (OTA) updates. Enable extensive versatility with replaceable mmWave sensors. Ideal for customize smart home automation, detect intrusions, and monitor the well-being of the elderly.

Key Features

01 **Precision Human Detection**

The onboard mmWave sensor, based on the FMCW principle, offers accurate privacy-focused human detection.

02 **Flexible Customization**

The Onboard Human Presence sensor is replaceable with other Seeed's mmWave series for heartbeat detection, fall detection, etc; Enable additional functionality with 400+ optional Grove sensors.

03 **Easy Setup, Wireless Updates**

No-Code setup for Home Assistant in 1-2 minutes, with wireless Over-The-Air (OTA) updates.

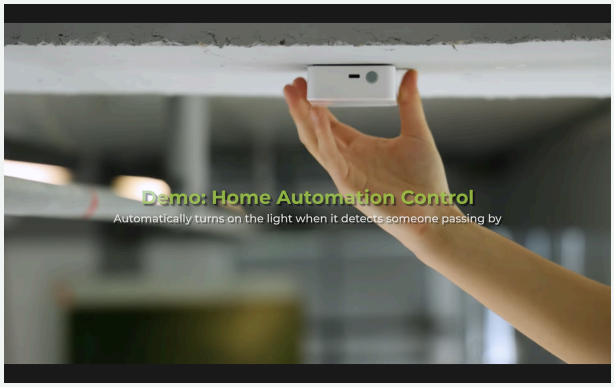
04 **Seamless Connectivity**

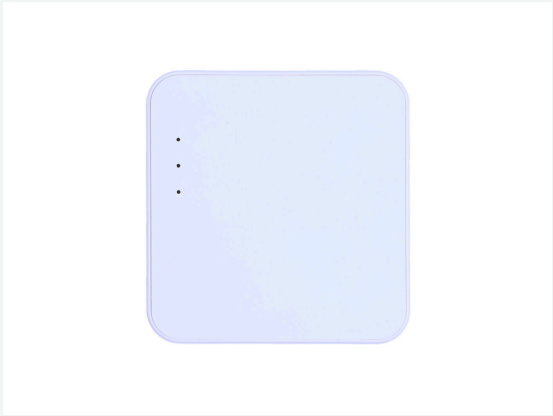
Powered by XIAO ESP32C3, supporting WiFi/BLE and compatible with smart home systems

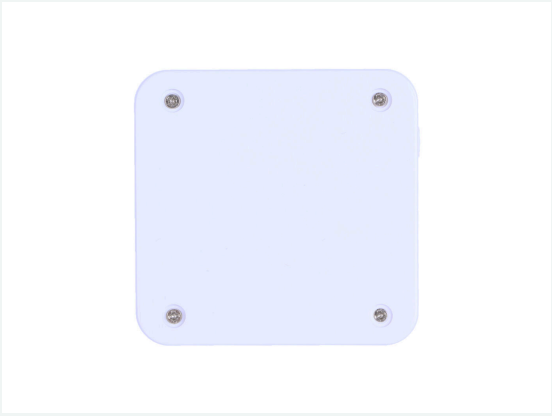
05 **Scalable Solution**

Tailor to your needs with available OEM/ODM services for scalability.

Product Gallery

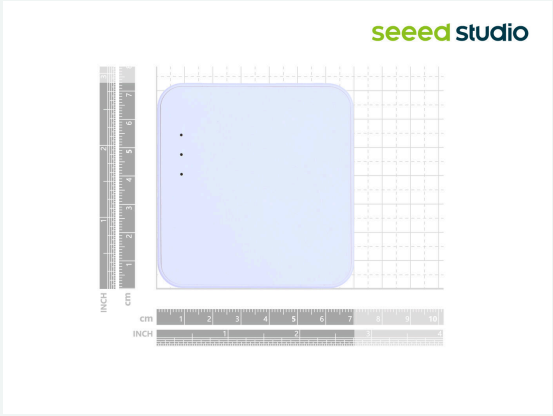












Applications

- **Smart Home Automation: Enhance lighting, HVAC, and security systems based on human presence.**
- **Building Security: Detect intrusions and trigger alerts for heightened security.**
- **Healthcare Monitoring: Monitor patient movement and aid in fall detection.**
- **Automatic Doors: Enable doors to open as people approach.**
- **Elderly Care: Monitor the well-being of the elderly and provide timely assistance.**

Resource Links

- https://www.seeedstudio.com/mmWave-Human-Detection-Sensor-Kit-p-5773.html

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