

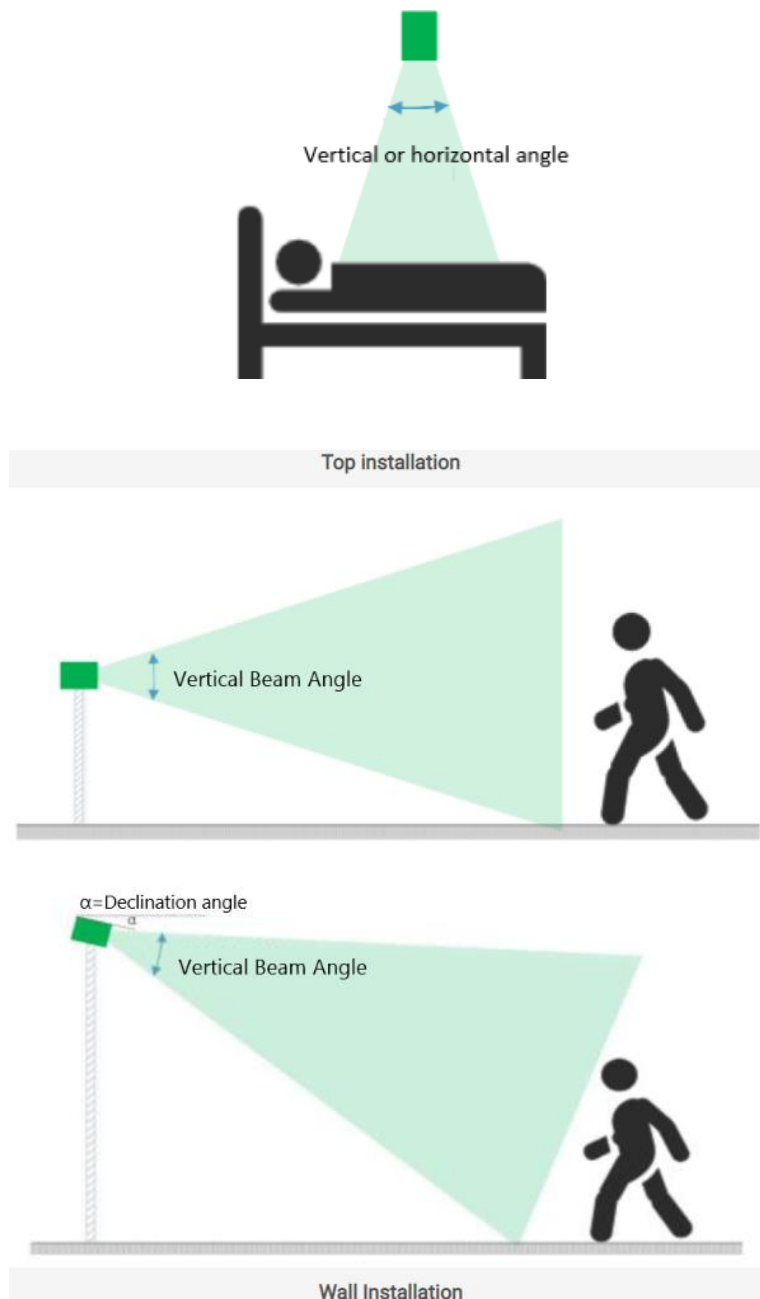
5.8GHz Microwave Radar Module

INTRODUCTION

This microwave sensor is a microwave module that can transmit the electromagnetic wave of 5.8GHz. It can detect the difference between the transmitted wave and reflection wave to identify whether there is an object moving in the detection area.

Different from the traditional sensors that can only detect human presence by detecting big body movements, this microwave sensor can perform well in detecting small movements like breathing so as to determine human presence even if the person is sitting or sleeping. The detected result can be output through the serial port or high/low level of the I/O port.

Featuring high reliability and sensitivity, and strong anti-interference, it is small and easy to integrate, which can be widely used in fields that require motion detection, such as lighting, security, home, home appliances, hotels, garages, buildings, traffic, etc.



FEATURES

High reliability

High sensitivity

Strong anti-interference

APPLICATIONS

Lighting

Security

Home appliances

Hotels

Garages

Buildings

Traffic

SPECIFICATION

Operating Voltage: 4.5~5.5V

Operating Current: 22mA

Detection Distance: 11m

Equivalent Transmission Power: 3-5dBm

Beam Angle: 120*120°

Modulation Mode: FMCW, CW

Operating Frequency: 5.8GHz

Operating Temperature: -40~85°C

Baud Rate: 115200

Dimension: 20*18mm/0.79*0.71"

SHIPPING LIST

5.8GHz Microwave Radar Module x1

