



# MSR01 MILLIMETER WAVE RADAR SENSOR

Space management and human presence detection.



MSR01 Millimeter Wave Radar Sensor is a Bluetooth-enabled sensor operating in the 60GHz frequency band. It is designed for applications such as space management and personnel perception. This sensor detects human presence and provides accurate personnel flow statistics. It exhibits remarkable sensitivity, superior algorithm performance, and an exceptionally high level of accuracy. It incorporates a self-learning function that allows it to gain insights into environmental conditions, and identify and eliminate sources of interference.

## FEATURES ▶



60GHz transmit frequency



On-Board AI algorithm



Industry-Leading 99% Accuracy



100% Anonymous Detection



4T4R multi-antenna layout



Configurable detection area



120° horizontal angle

## SEAMLESS SOLUTIONS FOR DIVERSE SCENARIOS ▶



Office Buildings



Healthcare Facilities



Educational Institutions



Smart Home



Event Venues



Retail Environments

## MSR01 PARAMETERS

Material:	ABS+PC
Wireless Mode:	Bluetooth® LE
Operating Temperature:	-10°C to 60°C
Operating Humidity:	0~95%RH (no condensation)
Radar Operating Frequency:	60GHz
Radar Antenna Design:	4T4R
Power Supply:	DC12V
Detection Angle:	120°
LED:	1 RGB light
APP:	Msensor
OTA:	Yes

