Use Cases

Connected to the IoT cloud platform through WiFi / POE Ethernet cable, the UbiBot® Motion Sensor MS1 can notify you of emergency by sending alert sent to your mobile phone. When combined with UbiBot® Smart Plug SP1, it is very easy to turn on the light or trigger the alarm when somebody is detected. Different collocations can create different user scenarios.

Induction Lighting

Security Alert

Pet care

UBIBOT

Wireless Motion Sensor MS1

UBIBOT

Making Sense of Your World
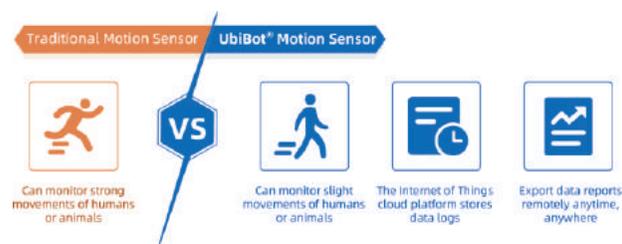
Contact Us

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Email: tto@ltm.as

Making Sense of Your World

Introduction

The Ubibot® wireless Motion Sensor is a compact motion sensor that allows you to detect occupancy as well as movement. The product includes an infrared motion sensor which can monitor the real-time mild dynamics of human body or animals. Embedded with WiFi, it detects environmental data all day round and automatically syncs all the data to the UbiBot   IoT Platform.

Motion sensor MS1 supports WiFi and RJ45 Ethernet cable connection. When installed in a place with wide field of view, the motion sensor can accurately sense the slight movement of people or animals. The trigger log is recorded on the IoT cloud platform of UbiBot® , which allows you to download anytime and anywhere.

Traditional Motion Sensor	UbiBot® Motion Sensor
VS	
Can monitor strong movements of humans or animals	Can monitor slight movements of humans or animals / The Internet of Things cloud platform stores data logs / Export data reports remotely anytime, anywhere

Multiple warning modes

The MS1 supports various alert rules and alert modes through the platform to realize remote security supervision. Instant status report of online or offline is in real time. The efficient and reasonable algorithm of the sensors can effectively reduce the number of false positives.

Platform-based alert rules | Receive alerts in real time | A variety of alarm modes options | Device online / offline notifications | As low as 0.3% false alert rate

Parameters

Detection distance: 12 meters

Detection angle: Vertical 40 degrees, horizontal 105 degrees

Power supply: Micro USB / POE power supply* / AC power supply*

Operating temperature: MS1 -10~50℃ ; MS1P 0~50℃

Network: 2.4GHz Wi-Fi / RJ45 Ethernet*

System Support: Android 8.1 / iOS 11 +

Dimensions: 80×80×48mm

*Depending on the specific model purchased.
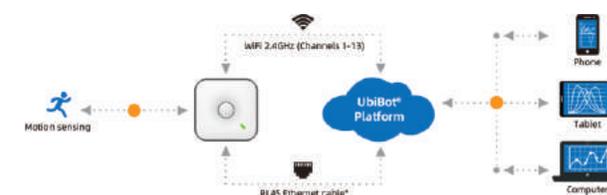
80mm
80mm
48mm

Multi-angle & Wide-angle

Detection distance is 0-12 meters and detection angle is vertical 40 degrees & horizontal 105 degrees.

Connect to cloud Platform

UbiBot® motion sensor MS1 is connected to the IoT big data platform through wireless WiFi/RJ45 Ethernet cable. The data of motion from people or animals collected by the built-in sensor are uploaded in real time, and can be accessed on mobile phones, tablets, computers and other terminals of the Internet of Things.

Smart Alerts

SMS text, Voice call, Email, App, HTTP

Platform Features

Real-time Data Access | Data Analysis | Unlimited Storage* | Custom Permission

*Any device user gets 200MB free storage and 1GB data traffic.

POE Network Deployment

Supports WiFi and RJ45 Ethernet cable connection. POE network ensures much easier deployment, stability and real-time update. Support 220V power supply or USB, POE power supply.