UbiBot® MS1 is a compact infrared motion sensor that allows you to detect movement and occupancy in your target environment. It monitors the environment all day round and automatically syncs all the data to the UbiBot® IoT Platform using WiFi connection. This motion sensor can detect even the slightest movement of humans or animals.

UbiBot® IoT Platform offers advanced data analysis and management. It allows you to set up real-time notifications - if a metric goes outside the range you have preset, you will receive alerts via the app, email, SMS text, voice call, and HTTP, allowing you to respond promptly before costly damage happens.
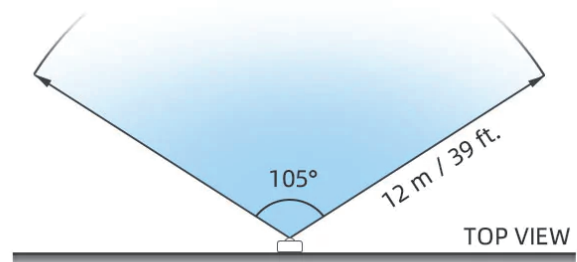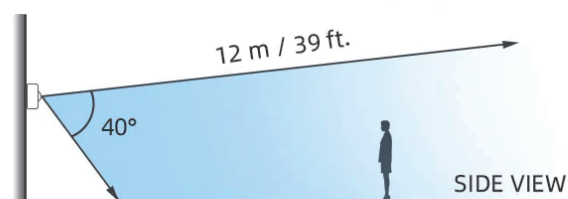
UbiBot® Motion Sensor can be applied to various scenarios; for example, you will be able to set the light to turn on and off as people enter and leave the room.

UbiBot® MS1 works with IFTTT (if this then that), Alexa, and Google Home, allowing you to build custom links with other smart devices.
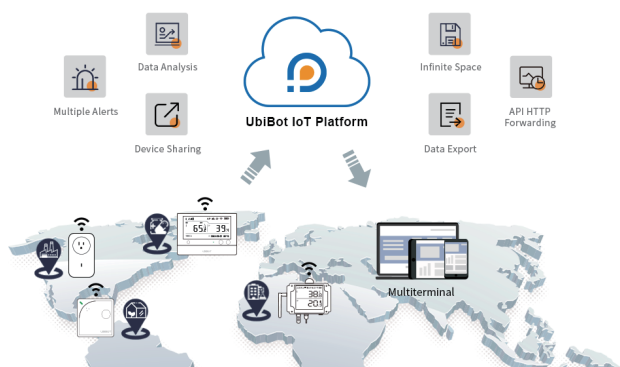
FEATURES

· Remote infrared motion sensor, up to 12 meters detection distance

· Wide detection range: horizontal 105 degrees, vertical 40 degrees

· 2.4 GHz WiFi network connection, no hubs or gateways required

· Free App & Web Console to access and monitor real-time data remotely, no subscription fee

· Multiple ways of receiving real-time alerts: App notifications, emails, phone calls, SMS, HTTP

· Working with IFTTT, Alexa, Google Assistant, Google Sheet

· Easy setup with free UbiBot App or PC tools

· Keep your home, office, warehouse safe and under guard

· Supporting Micro USB power supply, ensuring stable working conditions and easy deployment

· Compliance with CE, FCC, FDA CFR21, IC, RoHS

12 m / 39 ft.

40°

SIDE VIEW

105°

12 m / 39 ft.

TOP VIEW

SPECIFICATIONS

Technical specifications	
Detection distance	12 meters
Detection angle	vertical 40 degrees, horizontal 105 degrees
Operating temperature	-10 $^{\circ}$C to 50 $^{\circ}$C (14°F to 122°F)
Operating humidity	≤ 90% RH, No condensation
Memory	300,000 sensor records
Network connection	
WiFi	2.4GHz or 2.4/5GHz, channels 1-13 (5GHz WiFi NOT supported)
Physical specifications	
Materials	Flame resistant ABS & PC
Dimensions	80 x 80 x 48 mm
Colour	White
Ports	1 x Micro USB
Power Source	Micro USB (5V)

UbiBot Cloud IoT Platform

Data Management: Manage all your IoT data in one place; you could add as many devices as you want to one UbiBot account.

Unlimited Storage: Unlimited cloud-based storage ensures you will never run out of space. This allows you to view all your historical data via UbiBot App or Web.

Free App & Web Console: Using **UbiBot App** and **Web Console** is free. Powerful and thoughtful features provide you brilliant experience.

Analysis and Visualization: Use powerful analysis and visualization tools to get the most out of your data; spot trends and direct comparisons.

Real-Time Alerts: Fully customizable alert system will notify you via **App notifications, emails, phone call/SMS, HTTP** whenever any metric goes out of the range preset.

Highly Secure Platform: UbiBot IoT platform is designed to keep all your data secure so you never have to worry about hackers or other security issues.

Third-Party Services: Working with **IFTTT, Alexa, Google Assistant, Google Sheet**

Compliant with FDA CFR21