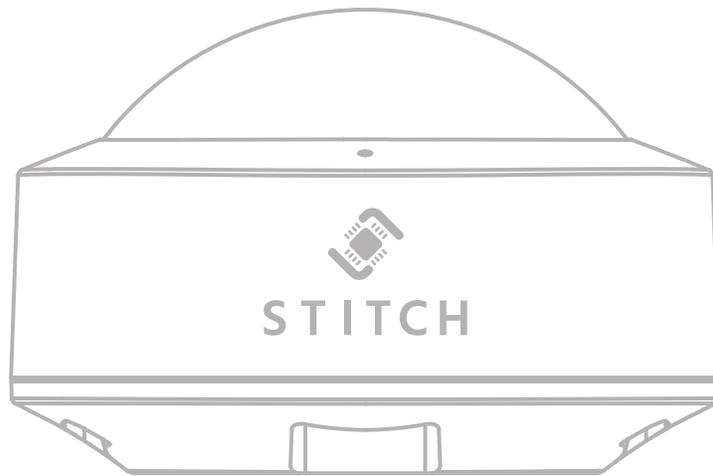




STITCH



Wireless Smart
MOTION SENSOR

P/N **33050**
User's Manual

CONTENTS

INTRODUCTION.....	3
FEATURES.....	3
CUSTOMER SERVICE.....	3
PACKAGE CONTENTS	4
APPLICATIONS.....	4
PRODUCT OVERVIEW.....	5
PHYSICAL INSTALLATION.....	5
APP INSTALLATION AND LOGIN	6
ADD A DEVICE	7
Smart Inclusion Installation	7
AP Mode Installation.....	9
APP FEATURES.....	12
BUTTON INSTRUCTIONS.....	13
LED INDICATOR STATUS.....	13
TECHNICAL SUPPORT	13
SPECIFICATIONS.....	14
REGULATORY COMPLIANCE.....	15
Notice for FCC	15
RF Exposure Statement for FCC	15
Notice for Industry Canada.....	15
Radio Notice for Industry Canada.....	16
RF Exposure Statement for Industry Canada	16

INTRODUCTION

This Wireless Smart Motion Sensor allows you to remotely monitor your home using your Android™ or iOS® smartphone or tablet. The sensor communicates with your phone through your local Wi-Fi® network, so you won't need any separate mesh network hubs or controllers. Place sensors at entryways, garages, or basements to get notifications directly to your smartphone whenever there's motion or whenever someone is passing by. You can also place sensors on top of your possessions to be alerted when your belongings are moved.

FEATURES

- Provides simple 24/7 remote monitoring of your home and entry points
- Set push notifications to your mobile devices and be alerted whenever motion or vibration is detected
- Low power consumption and strong anti-interference performance
- Reports battery level and logs events
- Elegant design and flexible installation
- Supports scene control and works with other "smart" devices
- Works with other STITCH by Monoprice smart devices (sold separately)

CUSTOMER SERVICE

The Monoprice Customer Service department is dedicated to ensuring that your ordering, purchasing, and delivery experience is second to none. If you have any problem with your order, please give us an opportunity to make it right. You can contact a Monoprice Customer Service representative through the Live Chat link on our website www.monoprice.com during normal business hours (Mon-Fri: 5am-7pm PT, Sat-Sun: 9am-6pm PT) or via email at support@monoprice.com

PACKAGE CONTENTS

Please take an inventory of the package contents to ensure you have all the items listed below. If anything is missing or damaged, please contact Monoprice Customer Service for a replacement.

1x Motion Sensor

1x Mount Bracket

2x Screws

2x Screw Anchors

1x Adhesive Tape

1x User's Manual

APPLICATIONS

Attach the device on windows, doors, gates, garage doors, drawers, mailboxes, and even your refrigerator to be the first to know the statuses of your entryways.



DOOR/WINDOW



HALLWAY

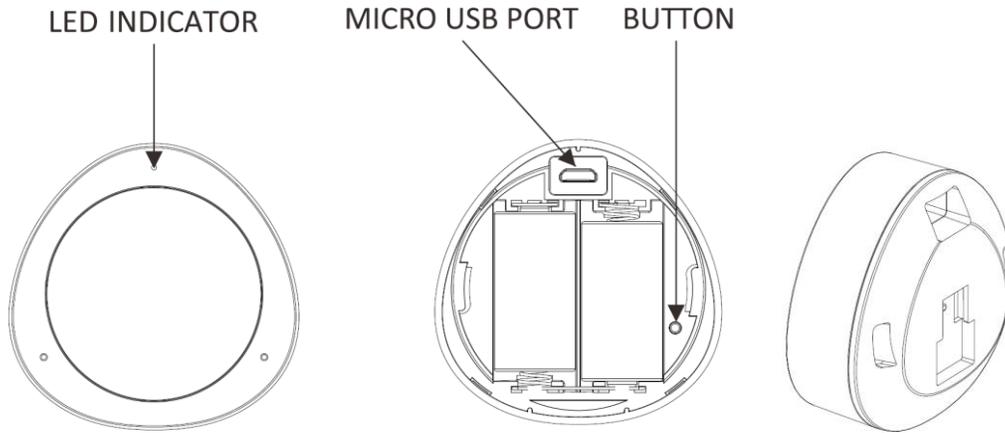


GARAGE



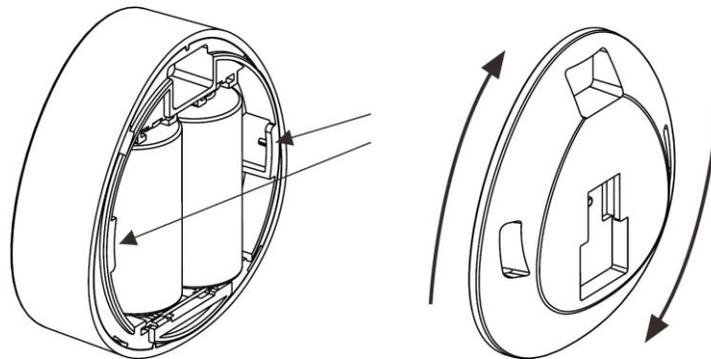
BASEMENT

PRODUCT OVERVIEW

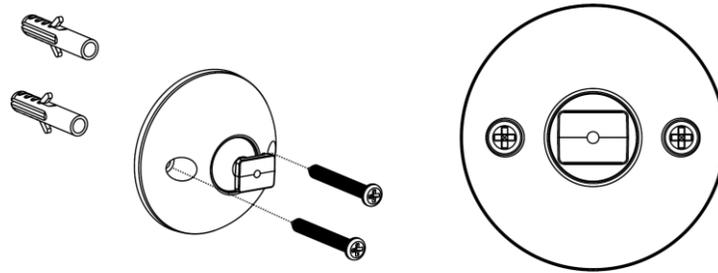


PHYSICAL INSTALLATION

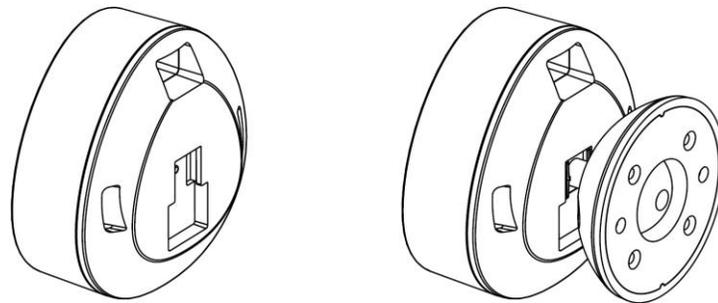
1. The sensor can be powered using a USB connection or with batteries. If you will be using a USB power source, plug a micro USB cable (not included) into the micro USB port on the sensor, then plug the other end into a USB power source, such as a rechargeable battery or wall charger. If you will be powering it with batteries, twist the back cover counterclockwise to remove the cover, then insert two CR123A batteries into the battery compartment, taking care to properly match the polarity with the markings inside the compartment. Finally, reinstall the cover and twist it clockwise to lock it in place.



2. Determine the mounting location. The sensor should be placed indoors and away from water and other extreme weather conditions. Install the sensor's mount bracket in the desired location using the supplied screws and screw and anchors or the supplied adhesive tape.



3. Place the sensor onto the mount bracket, then slide it downward to secure it in place. Adjust the sensor so that it points to the desired location.



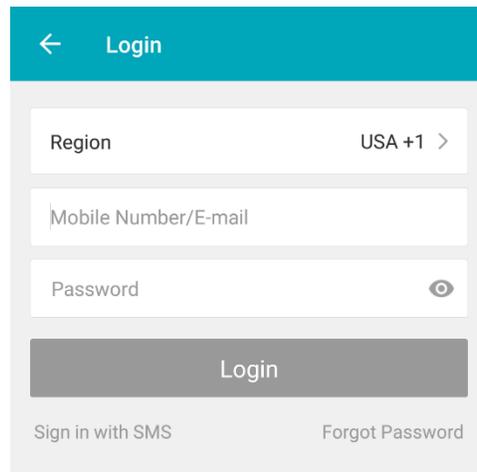
APP INSTALLATION AND LOGIN

1. Download and install the free **STITCH by Monoprice** app from Google Play™ or the App Store. Scan one of the two QR codes below to go directly to the appropriate app store.



2. Once it has been installed, launch the app.
3. If you have already used the STITCH app, tap the **Login** button, then enter your STITCH account information. If you have not installed and used the STITCH app before, proceed to app registration. You can register using your phone number or by using your email address. Follow the on-screen app instructions for more details.

Note that the password must contain 6-20 characters and must include at least one number.



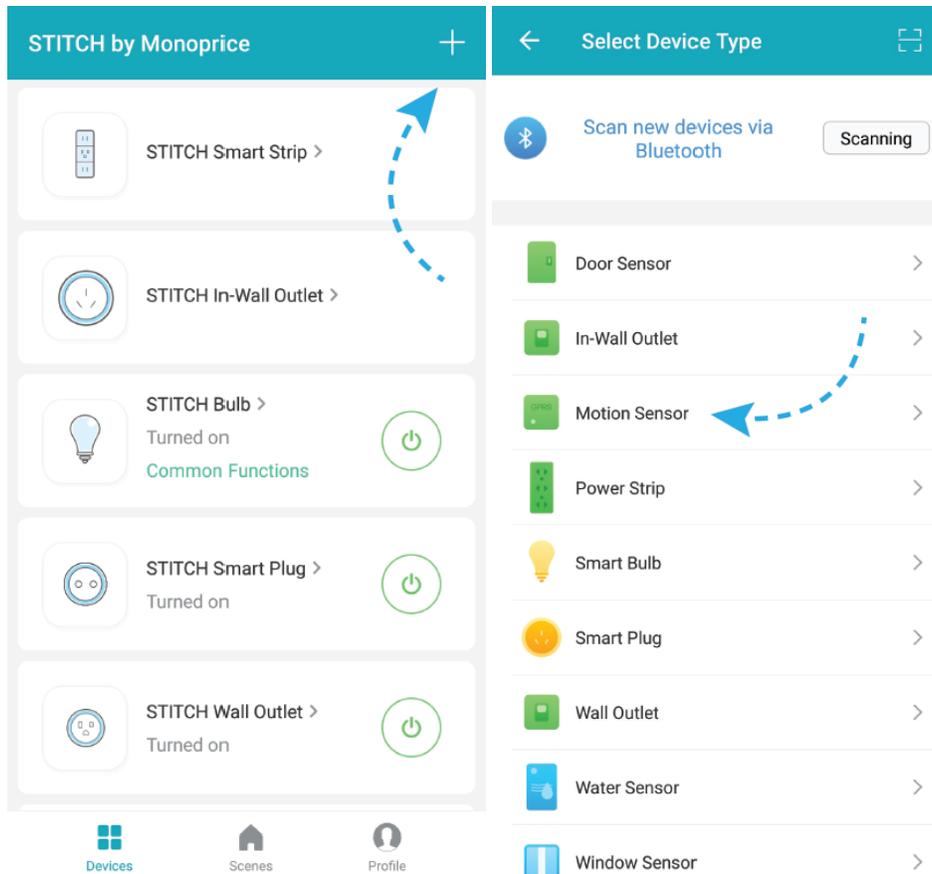
The screenshot shows the login interface of the STITCH app. It features a teal header with a back arrow and the text "Login". Below the header, there are three input fields: "Region" (with a dropdown menu showing "USA +1 >"), "Mobile Number/E-mail", and "Password" (with an eye icon for visibility). At the bottom, there is a large grey "Login" button. Below the button, there are two links: "Sign in with SMS" and "Forgot Password".

ADD A DEVICE

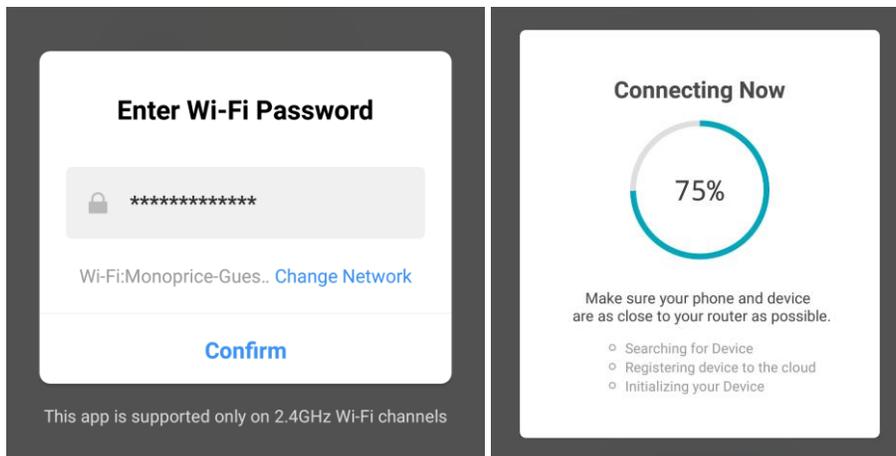
Smart Inclusion Installation

Smart Inclusion is the default mode for installing your device. It uses your wireless network to communicate between your smartphone and the smart device. If you do not have a Wi-Fi® network or do not wish to include the sensor in your network, see the *AP Mode Installation* section.

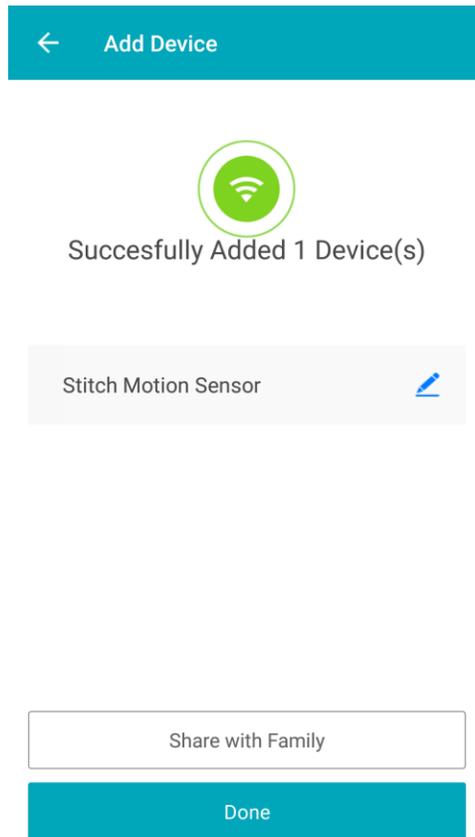
1. Launch the **STITCH by Monoprice** app.
2. Tap **+** on the **Add Devices** screen to add a new device.



3. Scroll through the list and select **Motion Sensor** to add your new device to the STITCH app.
4. The LED indicator should be flashing blue rapidly, indicating that it is ready to be paired with your network. Tap **Confirm** on the app to continue, input the password to your wireless network, then tap **Confirm** again.



5. The app will start connecting to the device. Tap **Done** once it is completed.



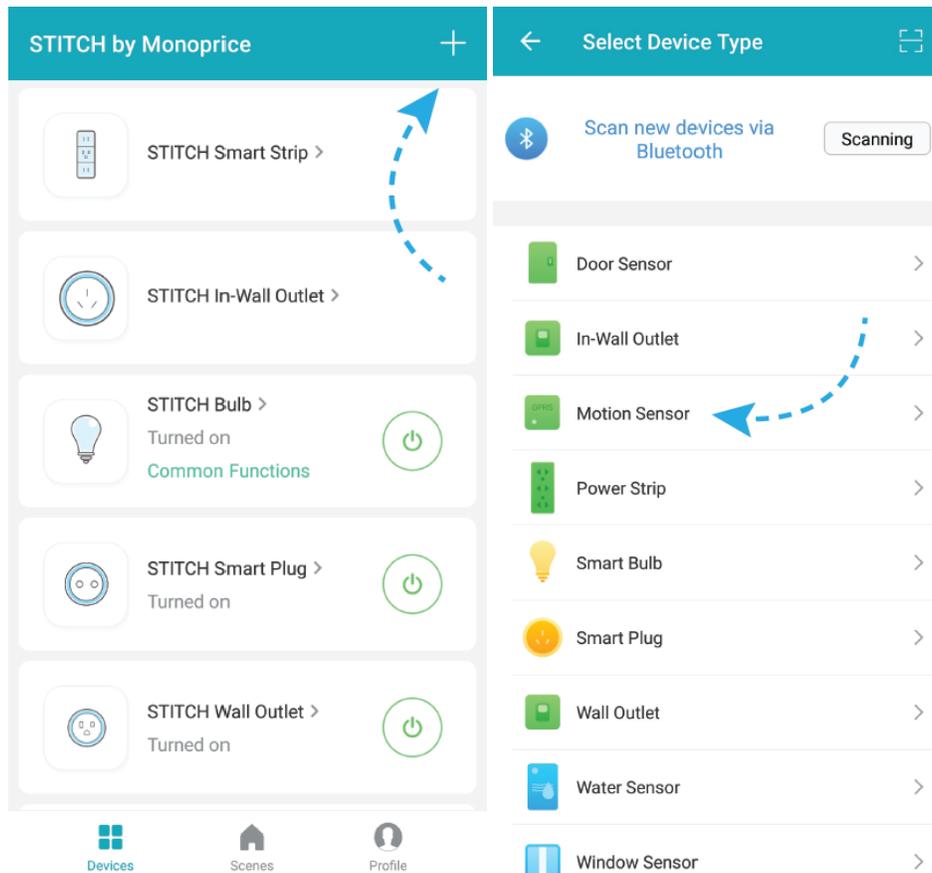
6. If the LED is not flashing blue rapidly, open the cover and hold the **Button** for 5 seconds. The LED will flash blue rapidly, indicating the device has been successfully reset.

AP Mode Installation

AP mode differs from Smart Inclusion mode in that it does not use your Wi-Fi® network to manage the communications between your smartphone and the device. Instead, it connects your phone's Wi-Fi directly to the device's built-in hotspot network.

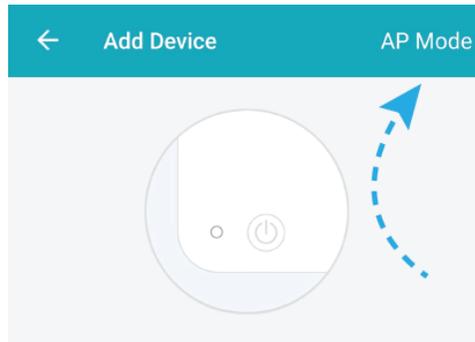
1. Launch the **STITCH by Monoprice** app.

2. Tap + on the **Add Devices** screen to add a new device.



3. Scroll through the list and select **Motion Sensor** to add your new device to the STITCH app.

4. Tap **AP Mode** at the top right.

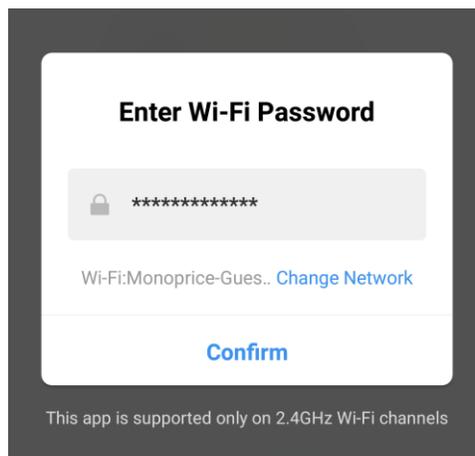


**Power on the device and confirm
that indicator light rapidly blinks**

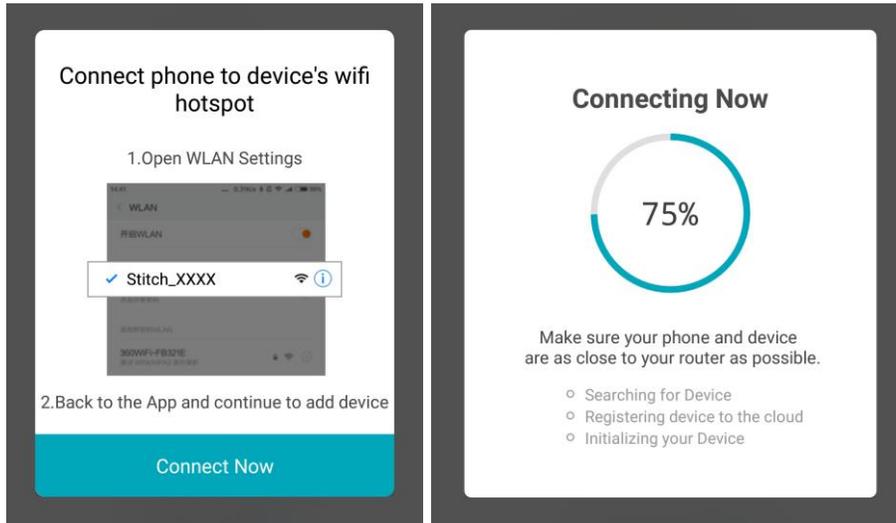
[How to make indicator rapidly blink](#)

Confirm indicator rapidly blink

5. The LED should be slowly blinking, indicating that it is ready to be added in AP mode. If it does begin blinking slowly, tap **Confirm** on the app to continue, input the password to your wireless network, then tap **Confirm** again.

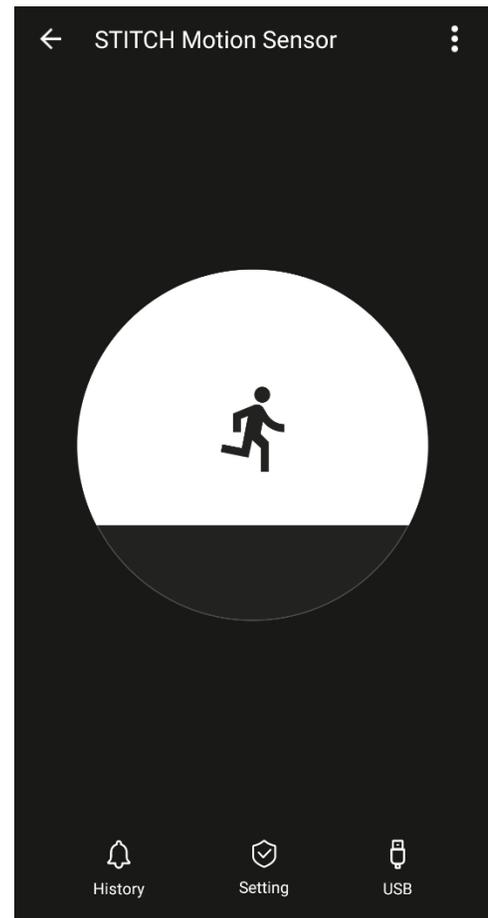


6. In the wireless settings on your phone, select the **Stitch-XXXX** entry, then tap **Connect Now** to continue. The app will begin connecting to the device.



APP FEATURES

- Detect motions
- Check power statuses
- Review event history and logs
- Set device notifications



BUTTON INSTRUCTIONS

In Network	Press and hold the Button for 5 seconds, then release it to reset the sensor to the default settings and puts the sensor into Smart Inclusion mode
Out of Network	While in Smart Inclusion mode, press and hold the Button for 5 seconds, then release it to switch to AP mode

Notes:

- In network: The sensor has been included into the network
- Out of network: The sensor is in its default status and has never configured into a Wi-Fi® network
- The duration of the configuration network is about 2 minutes

LED INDICATOR STATUS

Smart Inclusion	LED Indicator flashes blue rapidly
AP Mode	LED Indicator flashes blue slowly

TECHNICAL SUPPORT

Monoprice is pleased to provide free, live, online technical support to assist you with any questions you may have about installation, setup, troubleshooting, or product recommendations. If you ever need assistance with your new product, please come online to talk to one of our friendly and knowledgeable Tech Support Associates. Technical support is available through the online chat button on our website www.monoprice.com during regular business hours, 7 days a week. You can also get assistance through email by sending a message to tech@monoprice.com

SPECIFICATIONS

Radio Frequency	2.4 ~ 2.484 GHz
Supported Network Protocols	IEEE802.11 b/g/n
Power Source	6V 2x CR123A or 5V USB
Battery Capacity	1300mAh
Working Current	80mA
Standby Current	40 μ A
Detection Range	120°
Sensitivity	8
Encryption Type	WEP/TKIP/AES/WPS
Transmitting Power	802.11b: 17dBm @ 11Mbps 802.11g: 15dBm @ 54Mbps 802.11n: 13dBm @ MCS7
Operating Temperature	+14 ~ +113°F (-10 ~ +45°C)
Storage Temperature	-4 ~ +185°F (-20 ~ +85°C)
Storage Humidity	8 ~ 80% RH
Sensor Dimensions	Approx. \varnothing 2.3" x 1.4" (\varnothing 58 x 36mm)
Mount Dimensions	Approx. \varnothing 1.8" x 1.0" (\varnothing 45 x 25mm)

REGULATORY COMPLIANCE

Notice for FCC



Modifying the equipment without Monoprice's authorization may result in the equipment no longer complying with FCC requirements for Class A digital devices. In that event, your right to use the equipment may be limited by FCC regulations, and you may be required to correct any interference to radio or television communications at your own expense.

This equipment has been tested and found to comply with the limits for a Class A digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a commercial installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. Operation of this equipment in a residential area is likely to cause harmful interference, in which case the user will be required to correct the interference at his own expense.

RF Exposure Statement for FCC

Caution 

This equipment complies with radiation exposure limits set forth for an uncontrolled environment. End users must follow the specific operating instructions for satisfying RF exposure compliance. This transmitter must be at least 20 cm from the user and must not be collocated or operated in conjunction with any other antenna or transmitter.

Notice for Industry Canada

This Class A digital apparatus complies with Canadian ICES-003.

Cet appareil numérique de la classe A est conforme à la norme NMB-003 du Canada.

Radio Notice for Industry Canada

Caution

This IC RSS-210 radio device operates on a non-interference basis with other devices operating at this frequency. Any changes or modification to said product not expressly approved by Monoprice, including the use of non-approved antennas, could void the user's authority to operate this device.

This device complies with IC RSS-210. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

RF Exposure Statement for Industry Canada

Caution

This equipment complies with radiation exposure limits set forth for an uncontrolled environment. End users must follow the specific operating instructions for satisfying RF exposure compliance. This transmitter must be at least 20 cm from the user and must not be collocated or operated in conjunction with any other antenna or transmitter.

Android™ and Google Play™ are trademarks of Google LLC.

Cisco® and IOS® are registered trademarks or trademarks of Cisco Systems, Inc. and/or its affiliates in the United States and certain other countries.

Wi-Fi® is a registered trademark of Wi-Fi Alliance.



TECHNOLOGY AT PRICES THAT MAKE SENSE

www.monoprice.com

Need Help? We're here for you!

Contact us: www.monoprice.com/contactus

Product pictures are for reference only.

Specifications described herein are subject to change without prior notification.

All trademarks are the sole property of their respective companies.

Stitch is a Sub-Brand for Smart Home of Monoprice.

Copyright © 2018 Monoprice, Inc. All rights reserved.