



motorola



USER'S GUIDE

Smart Nursery

Alert Sensor

Model: MBP81SN, MBP81SN-2, MBP81SN-3, MBP81SN-4

The features described in this guide are subject to modifications without prior notice.

Welcome...

to your new Motorola Alert Sensor!

Thank you for purchasing your new Motorola Alert Sensor.

The Alert Sensor is intended for use in monitoring windows. It is designed to work with most windows. With the Alert Sensor, you can check whether a window is open while you are out of the house. It notifies you on your Android™ or iOS® device when it detects that a window has opened. If you have always wondered what happens when you are away, wonder no more. Now you can monitor your property with this easy to use device.

Please keep your original dated sales receipt for your records. For warranty service of your Motorola product, you will need to provide a copy of your dated sales receipt to confirm warranty status. Registration is not required for warranty coverage.

For product related questions, please call:

US and Canada 1-888-331-3383

E-mail: support@motorolahome.com

On the Web: www.motorolahome.com/support

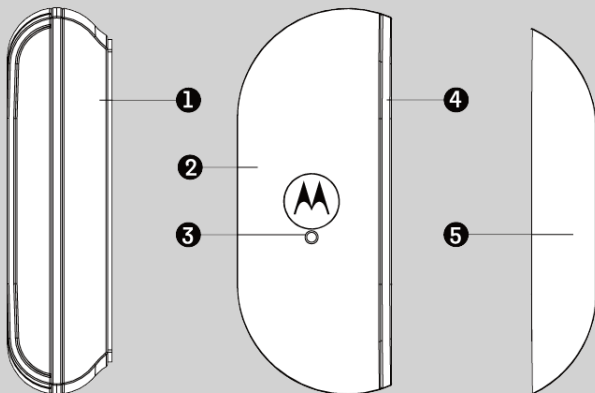
This User's Guide has all the information you need to make the most out of your product.

Please read the Safety Instructions on page 5 before you install the unit.

Inside the Box

- 1 x Smart Nursery Alert Sensor Unit
- 1 x Magnet Unit
- 2 x AAA Batteries (LR03)
- 6 x Spacer (3 for the sensor and 3 for the magnet)
- 1 x Quick Start Guide

Overview of the Alert Sensor



1. **Battery Cover**

2. **Sensor Unit**

3. **Reset Button**

Press and hold for 7 seconds to reset the Sensor Unit and enter pairing mode.

4. **Status LED**

Lights up in Red when the Alert Sensor is on.

5. **Magnet Unit**



Table of contents

1. Safety Instructions	5
2. How it works	6
3. System Requirements	7
4. Getting Started	8
4.1 Installing and Replacing Batteries.....	8
5. Connecting Devices.....	9
5.1 Setup.....	9
5.2 User Account and Sensor Setup on Android™ Devices	10
5.3 Download Hubble Connect for Smart Nursery App.....	10
5.4 Run Hubble Connect for Smart Nursery App on Android™ device / iPhone®/ iPad®	10
5.5 Add Alert Sensor to your Smart Nursery account	11
6. Reset the Alert Sensor	14
7. Overview of Hubble App	14
8. General Information	15
9. Technical Specifications	21

1. Safety Instructions

WARNING

This product is compliant with all relevant electromagnetic field standards and is, when handled as described in the User's Guide, safe to use. Therefore, always read the instructions in this User's Guide carefully before using the device.

- Adult assembly is required due to small parts. Keep all small parts away from children.
- This product is not a toy. Do not allow children to play with it.
- This product is not a substitute for responsible adult supervision.
- Keep this User's Guide for future reference.
- Test the product and all its functions so that you are familiar with it prior to use.
- Do not install the product near a heat source.
- Only use a battery of the same type. This product uses replaceable battery (AAA size/LR03).
- Do not touch the battery contacts with sharp or metal objects.

CAUTION

There is danger of explosion if the battery is replaced by an incorrect type. Dispose of used batteries according to their instructions.

Important guidelines for installing your Alert Sensor

- Use of other 2.4 GHz products, such as other wireless networks, Bluetooth® systems or microwave ovens may cause interference with this product. Keep the Alert Sensor away from these types of products, or turn them off if they appear to be causing interference.
- Always ensure that you have a good Wi-Fi® connection available.

2. How it works

The Alert Sensor is made up of 2 components - the sensor itself and the magnet. When the magnet is within 2cm of the sensor, it detects that the window is closed. When the magnet is more than 2cm away, the sensor detects that the window is opened.

In the diagram below, the Alert Sensor is on the window frame and the magnet on the window. When the window swings open more than 2cm, the Alert Sensor detects that the window is opened and sends a notification to your Android™ or iOS® device.



3. System Requirements

Web Portal

- Windows® 7
- Mac OS® 10.7
- Chrome™ 24
- Internet Explorer® 9
- Safari® 6
- Java™ 7
- Firefox® 18.0
- Adobe® Flash® Player 15.0

Android™ System

- Version 4.2 or above

iPhone®/iPad® iOS

- Version 7.0 or above

High Speed (Wi-Fi®) Internet

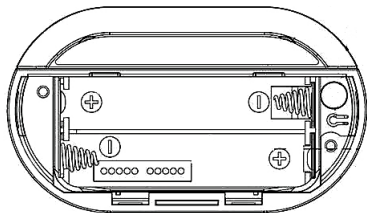
- At least 0.6 Mbps upload bandwidth per camera (you can test your internet speed on this site: <http://www.speedtest.net>)

4. Getting Started

4.1 Installing and Replacing Batteries

The device uses replaceable battery (AAA size/LR03).

1. Carefully pry open the sensor's battery cover.
2. Install two (2) new "AAA" batteries into the battery compartment, making sure to match the positive and negative ends of the batteries to the correct contacts as indicated below.



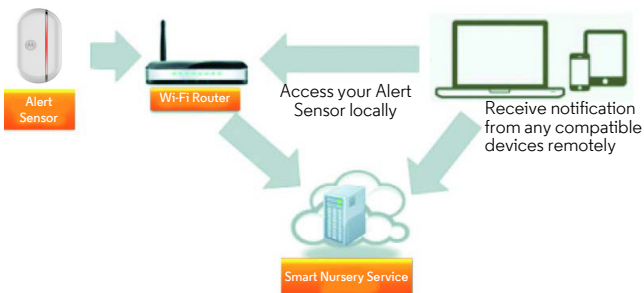
3. Replace the battery cover.
4. The Alert Sensor powers on automatically when the batteries are installed correctly.
The LED lights up in solid red.

Battery Life

The average battery life is up to 5 months if the door/window opens and closes about 10 times a day. The red LED flashes twice every 30 seconds when the battery is low.

5. Connecting Devices

How does it work?



When a user tries to access the Alert Sensor, our Smart Nursery server authenticates the user's identity and permits access.

5.1 Setup

Make sure the Alert Sensor is ON. The LED should light up in solid red. The Alert Sensor must be within range of the Wi-Fi® router with which you want to connect. Make sure the password of the router is available for entering during the in-app setup process.

Status of LED Indication:

LED lights up in solid red	• Alert Sensor is powered ON
LED flashes in red once every 3 seconds	• Alert Sensor is connected to Wi-Fi®
LED flashes in red once every 30 seconds	• Alert Sensor is connected to the APP
LED flashes in red twice every 30 seconds	• Battery is low

5.2 User Account and Sensor Setup on Android™ Devices

What you need

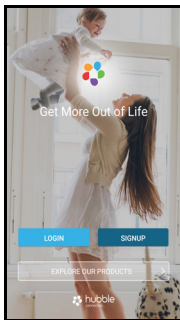
- Alert Sensor
- Device with Android™ system version 4.2 and above

5.3 Download Hubble Connect for Smart Nursery App

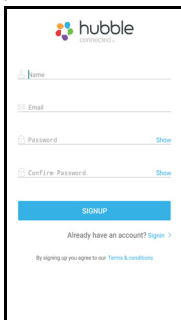
- Go to Google Play™ Store to search for **Hubble Connect for Smart Nursery**.
- Download **Hubble Connect for Smart Nursery** App and install it on your Android™ device
- Or
- Go to App Store to search for **Hubble Connect for Smart Nursery**.
- Download **Hubble Connect for Smart Nursery** App and install it on your iPhone®/ iPad®.

5.4 Run Hubble Connect for Smart Nursery App on Android™ device / iPhone®/ iPad®

- Ensure that your Android™ Device / iPhone®/ iPad® is connected to the Wi-Fi® router or mobile network.
- Run **Hubble Connect for Smart Nursery** App, tap **SIGNUP** and follow the in-app instructions to create your **Smart Nursery** Account. By signing up, you agree to our Terms & Conditions. (P1 & P2)



P1



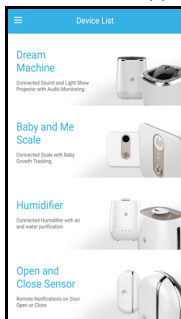
P2

Note

If you already have a **Smart Nursery** App account, please tap **LOGIN** by entering your account information and go to the next steps.

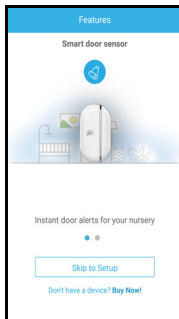
5.5 Add Alert Sensor to your Smart Nursery account

- Tap on **Alert Sensor** on screen to enter App setup mode. (P3)



P3

- Tap on **Skip to Setup**, then tap **Next** to search for Alert Sensor. (P4 & P5)

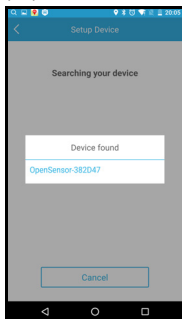


P4



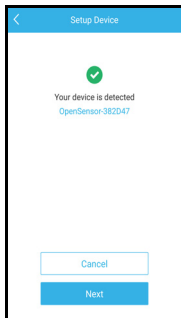
P5

- The device SSID can be found on your Android™ Device / iPhone® / iPad®. Tap the SSID to confirm. (P6)



P6

- The Alert Sensor is detected. Tap **Next** to proceed to the next step. (P7)
- You need a Wi-Fi® network to connect to your Alert Sensor. Tap **Search** to start network searching. (P8)

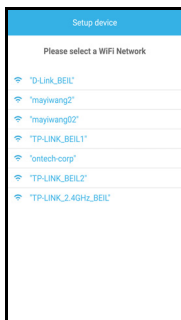


P7



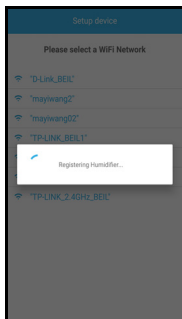
P8

- Select a Wi-Fi® network from the network list, enter Wi-Fi® password and then tap **Submit**. (P9)

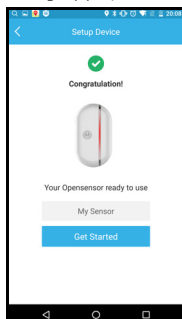


P9

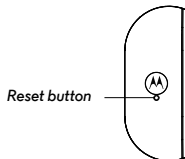
- It will take a few minutes for the Alert Sensor to connect to the Wi-Fi® network. Tap **Get Started** when the Alert Sensor is successfully connected to **Hubble Connect for Smart Nursery** App. (P10 & P11)



P10



P11

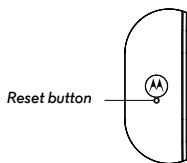


Note

If you fail to complete the setup process, reset the Alert Sensor by holding down the Reset Button for 7 seconds and repeat the above registration steps again.

6. Reset the Alert Sensor

There is a reset button below the M logo of the Sensor unit. To reset the sensor to factory default setting, press and hold the button for 7 seconds.



7. Overview of Hubble App

8. General Information

If your product is not working properly....

1. Read this User's Guide.
2. Visit our website: www.motorolastore.com
3. Contact Customer Service at
US and Canada 1-888-331-3383
E-mail: support@motorolahome.com

Consumer Products and Accessories Limited Warranty ("Warranty")

Thank you for purchasing this Motorola branded product manufactured under license by Binatone Electronics International Ltd ("BINATONE").

What Does this Warranty Cover?

Subject to the exclusions contained below, BINATONE warrants that this Motorola branded product ("Product") or certified accessory ("Accessory") sold for use with this product is manufactured to be free from defects in materials and workmanship under normal consumer usage for the period outlined below. This Warranty is your exclusive warranty and is not transferable.

Who is covered?

This Warranty extends only to the first consumer purchaser, and is not transferable.

What will BINATONE do?

BINATONE or its authorized distributor at its option and within a commercially reasonable time, will at no charge repair or replace any Products or Accessories that does not conform to this Warranty. We may use functionally equivalent reconditioned/ refurbished/ pre-owned or new Products, Accessories or parts.

What Other Limitations Are There?

ANY IMPLIED WARRANTIES, INCLUDING WITHOUT LIMITATION THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE, SHALL BE LIMITED TO THE DURATION OF THIS LIMITED WARRANTY, OTHERWISE THE REPAIR OR REPLACEMENT PROVIDED UNDER THIS EXPRESS LIMITED WARRANTY IS THE EXCLUSIVE REMEDY OF THE CONSUMER, AND IS PROVIDED IN LIEU OF ALL OTHER WARRANTIES, EXPRESS OR IMPLIED. IN NO EVENT SHALL MOTOROLA OR BINATONE BE LIABLE, WHETHER IN CONTRACT OR TORT (INCLUDING NEGLIGENCE) FOR DAMAGES IN EXCESS OF THE PURCHASE PRICE OF THE PRODUCT OR ACCESSORY, OR FOR ANY INDIRECT, INCIDENTAL, SPECIAL OR CONSEQUENTIAL DAMAGES OF ANY KIND, OR LOSS OF REVENUE OR PROFITS, LOSS OF BUSINESS, LOSS OF INFORMATION OR OTHER FINANCIAL LOSS ARISING OUT OF OR IN CONNECTION WITH THE ABILITY OR INABILITY TO USE THE PRODUCTS OR ACCESSORIES TO THE FULL EXTENT THESE DAMAGES MAY BE DISCLAIMED BY LAW.

Some jurisdictions do not allow the limitation or exclusion of incidental or consequential damages, or limitation on the length of an implied warranty, so the above limitations or exclusions may not apply to you. This Warranty gives you specific legal rights, and you may also have other rights that vary from one jurisdiction to another.

Products Covered	Length of Coverage
Consumer Products	One (1) year from the date of the Products, original purchase by the first consumer purchaser of the product.
Consumer Accessories	Ninety (90) days from the date of the Accessories, original purchase by the first consumer purchaser of the product.
Consumer Products and Accessories that are Repaired or Replaced	The balance of the original warranty or for Ninety (90) days from the date returned to the consumer, whichever is longer.

Exclusions

Normal Wear and Tear. Periodic maintenance, repair and replacement of parts due to normal wear and tear are excluded from coverage.

Batteries. Only batteries whose fully charged capacity falls below 80% of their rated capacity and batteries that leak are covered by this Warranty.

Abuse & Misuse. Defects or damage that result from: (a) improper operation, storage, misuse or abuse, accident or neglect, such as physical damage (cracks, scratches, etc.) to the surface of the product resulting from misuse; (b) contact with liquid, water, rain, extreme humidity or heavy perspiration, sand, dirt or the like, extreme heat, or food; (c) use of the Products or Accessories for commercial purposes or subjecting the Product or Accessory to abnormal usage or conditions; or (d) other acts which are not the fault of MOTOROLA or BINATONE, are excluded from coverage.

Use of Non-Motorola branded Products and Accessories. Defects or damage that result from the use of Non-Motorola branded or certified Products or Accessories or other peripheral equipment are excluded from coverage.

Unauthorized Service or Modification. Defects or damages resulting from service, testing, adjustment, installation, maintenance, alteration, or modification in any way by someone other than MOTOROLA, BINATONE or its authorized service centers, are excluded from coverage.

Altered Products. Products or Accessories with (a) serial numbers or date tags that have been removed, altered or obliterated; (b) broken seals or that show evidence of tampering; (c) mismatched board serial numbers; or (d) nonconforming or non-Motorola branded housings, or parts, are excluded from coverage.

Communication Services. Defects, damages, or the failure of Products or Accessories due to any communication service or signal you may subscribe to or use with the Products or Accessories is excluded from coverage.

How to Obtain Warranty Service or Other Information?

To obtain service or information, please call:

US and Canada 1-888-331-3383

E-mail: support@motorolahome.com

You will receive instructions on how to ship the Products or Accessories at your expense and risk, to a BINATONE Authorized Repair Center.

To obtain service, you must include: (a) the Product or Accessory; (b) the original proof of purchase (receipt) which includes the date, place and seller of the Product; (c) if a warranty card was included in your box, a completed warranty card showing the serial number of the Product; (d) a written description of the problem; and, most importantly; (e) your address and telephone number.

These terms and conditions constitute the complete warranty agreement between you and BINATONE regarding the Products or Accessories purchased by you, and supersede any prior agreement or representations, including representations made in any literature publications or promotional materials issued by BINATONE or representations made by any agent employee or staff of BINATONE, that may have been made in connection with the said purchase.

FCC and IC regulations

FCC Part 15

NOTE: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the Federal Communications Commission (FCC) rules. These limits are designed to provide reasonable protection against harmful interference in a residential 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. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

Changes or modifications to this equipment not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

This device complies with Part 15 of the FCC rules. 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. Privacy of communications may not be ensured when using this device.

To ensure safety of users, the FCC has established criteria for the amount of radio frequency energy that can be safely absorbed by a user or bystander according to the intended usage of the product. This product has been tested and found to comply with the FCC criteria.

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

CAN ICES-3(B)/NMB-3(B)

WARNING

Changes or modifications, to this equipment not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

The socket-outlet shall be installed near the equipment and shall be easily accessible.

Industry Canada

This device complies with Industry Canada licence-exempt RSS standard(s): Operation is subject to the following Two conditions:(1) this device may not cause interference, and (2) this device must accept any interference, including interference that may cause undesired operation of the device.

The term "IC: " before the certification/registration number only signifies that the Industry Canada technical specifications were met. This product meets the applicable Industry Canada technical specifications.

Le présent appareil est conforme aux CNR d'Industrie Canada applicables aux appareils radio exempts de licence. L'exploitation est autorisée aux deux conditions suivantes : (1) l'appareil ne doit pas produire de brouillage, et (2) l'utilisateur de l'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement.

9. Technical Specifications

Frequency	2.4G Wi-Fi 802.11 b/g/n supported
LED	Red (1pc)
Power	2 x AAA batteries/LR03



Manufactured, distributed or sold by Binatone Electronics International LTD., official licensee for this product. MOTOROLA and the Stylized M logo are trademarks or registered trademarks of Motorola Trademark Holdings, LLC, and are used under license. Apple logo and Safari are trademarks of Apple Inc., registered in the U.S. and other countries. App Store is a service mark of Apple Inc. Google Play, Android, and Chrome are trademarks of Google Inc. Wi-Fi is a trademark of the Wi-Fi Alliance. All other trademarks are the property of their respective owners. © 2016 Motorola Mobility LLC. All rights reserved.



US_EN Version 1.0
Printed in China