



USER'S GUIDE

**Wearable Sleep Quality Tracker with Wellness & Activity Indicators
Includes Smart Soother & Audio Monitor + Wi-Fi HD Camera**

Guardian Cam

The Features described in this user's guide are subject to modifications without prior notice.

Welcome...

to your new Guardian Cam!

Thank you for purchasing your new Hubble Nursery product. This sleek wearable product tracks your baby's sleep quality, oxygen level, heart rate, body temperature change, and movement! As your little one comfortably rests, keep an eye on them from anywhere using the Wi-Fi Baby Camera. Charge the Guardian Sensor with the charging dock, which also serves as a Smart Soother and Audio Monitor. Control ALL Hubble Guardian Cam features and more using the free HubbleClub App. Choose from 7 different night light colors to soothe your baby, in the dark. The night light also provides guidance, during late night feeding and diaper changes, without having to turn on the harsh, aggressive bedroom lights. Please retain your original dated sales receipt for your records. For warranty service of your Hubble product, you will need to provide a copy of your dated sales receipt to confirm warranty status. Registration is requested but not required for warranty coverage.

For product related questions, please contact:

Live Chat: hubbleconnected.com

Email: support@hubbleconnected.com

<https://hubbleconnected.com/warranty>

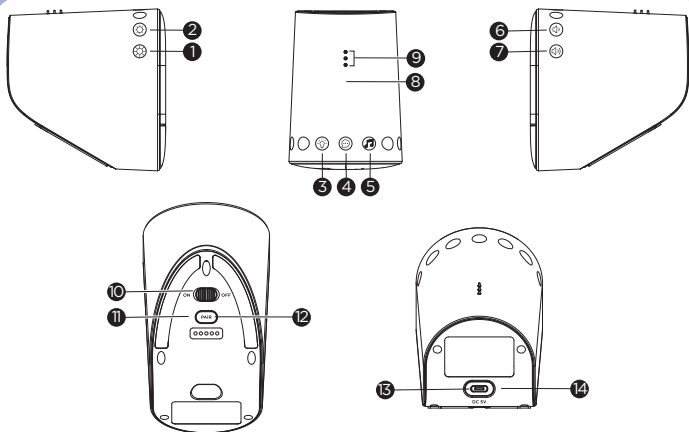
<https://hubbleconnected.com/apps/product-registration>

Visit **support.hubbleconnected.com** to download the User Guide with instructions, answers to frequently asked questions, and more to help you get the most from your product.

Inside the Box

- 1 x Base Station
- 1 x Smart Sensor
[Straps (x2) pre-installed]
- 3 x Spare Straps
- 1 x Camera Unit
- 2 x Power Adaptor
- 1 x Elbow Cable Cover
- 2 x Top Cable Cover
- 7 x Cable Cover
- 1 x Quick Start Guide

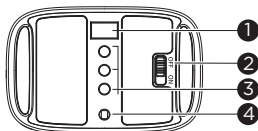
Overview of Guardian Cam



Base Station

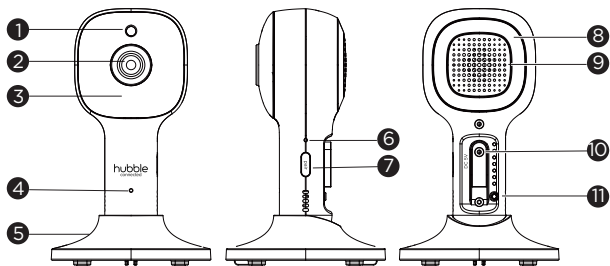
1. Brightness up
2. Brightness down
3. Night light
4. ConnectChat™
5. Soothing sound
6. Volume down
7. Volume up

8. Charging indicator for Smart Sensor
9. Charging pins
10. Power ON-OFF switch
11. Pairing LED indicator
12. Pair Button (HubbleClub and BT speaker)
13. Power Socket
14. Power On indicator



Smart Sensor

1. Oxygen sensor
2. Power ON-OFF switch
3. Charging ports
4. Heart rate sensor



Camera Unit

- | | |
|--|-------------------------|
| 1. Light Sensor | 6. Power/Link indicator |
| 2. Camera Lens | 7. PAIR button |
| 3. Infrared LEDs (x 8, for night vision) | 8. Night Light |
| 4. High Sensitivity Microphone | 9. Speaker |
| 5. Magnetic mount | 10. Power Socket |
| | 11. Temperature Sensor |

Important guidelines for installing your Guardian Cam

- The signal strength may also be reduced by other solid structures, like walls, or by radio or electrical equipment, such as TVs, computers, cordless or mobile phones, fluorescent lights or dimmer switches.
- Use of other 2.4 GHz products, such as other wireless networks, BT® systems or microwave ovens may cause interference with this product. Keep the unit 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.

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1. Safety Instructions



WARNING:

Guardian Cam is not a medical device.

It is not intended to diagnose, treat, cure, or alleviate any disease or health condition, including, but not limited to, Sudden Infant Death Syndrome (SIDS). False positive or false negative readings about your baby's patterns are a potential risk.

This product is only intended to assist you in tracking your baby's wellbeing and is not intended to replace you as a caregiver. You are responsible for the health and wellbeing of your baby and should follow safe sleep, health, and care guidelines.

- Do not use Guardian Cam as a diagnostic tool.
- Do not use Guardian Cam if your doctor recommends the use of a hospital pulse oximeter or hospital apnea monitor.
- Do not use Guardian Cam as an excuse for unsafe sleep habits.
- Do not use Guardian Cam as a replacement for or in lieu of adult care.

The guardian is an aid. It is not a substitute for adult supervision.

For premature babies, babies on supplemental oxygen, or babies with health conditions, please consult your health professional to determine whether or not guardian is right for you.

This product is not FDA approved.

To obtain optimal and safe user experience, please carefully read, understand, and follow all instructions and warnings prior to use. Also, read and follow recommendations from the American Academy of Pediatrics, including Safe Sleep guidelines found at www.healthychildren.org.



Strangulation Hazard: Children have STRANGLED on cords. Keep this cord out of the reach of children (more than 3ft (1m) away). Never use extension cords with AC Adapters. Only use the AC Adapters provided.



2. System Requirements of Smart Device

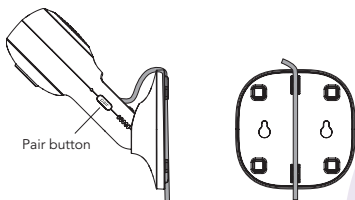
Smartphones/Tablets: Android™ and iOS® only.

Minimum System Requirement: iOS 12.0, Android 8.0, BT 4.2.

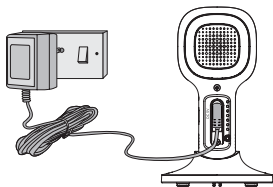
3. Getting Started

3.1 (Optional) Fixing magnetic mount on the wall

- Mark the position of the screw holes on the wall.
- Install wall anchors (Not provided) suitable for the wall type and mounting screws if needed.
- Fasten the mounting screws (Not provided) on the wall.
- Position the cable behind the base as shown in the picture before attaching the base on the wall.



3.2 Connecting the Power Supply for the Camera Unit



- Insert the DC plug of the power adapter into the DC socket on the back of the Camera Unit.
- Connect the other end of the power adapter to a suitable electrical outlet.
- The Camera Unit turns on and the power indicator lights in Green color.

Note

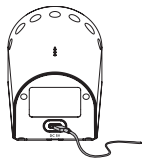
Only use the supplied power adapter (DC5V/1000mA).



3.3 Power on Base Station

Connect the USB type-C plug of the power adapter to Base Station and the other end to a suitable electrical outlet.

Only use the enclosed adapter (5V DC / 1000mA).



4. Setting up Guardian Cam to HubbleClub by Hubble Connected App

4.1 Install HubbleClub by Hubble Connected App



- Scan the QR code with your smart device and download HubbleClub by Hubble Connected App from the App Store for iOS devices or from the Google Play™ Store for Android™ devices.
- Install HubbleClub by Hubble Connected App on your device.
- Open the HubbleClub by Hubble Connected App on your compatible smartphone or tablet, follow the instructions of HubbleClub App to create your HubbleClub account.

4.2 View on Compatible Smartphones and Tablets



Camera Unit



Connect to Internet
via Wi-Fi®



Compatible
Viewing Devices



1. Open the HubbleClub by Hubble Connected App on your compatible smartphone or tablet.
2. Select **Wellness** on home page, then tap **Guardian Cam** and **Guardian Camera** to access to camera setup, follow the in-app instructions to connect to your device.

4.3 Connect Base Station to HubbleClub by Hubble Connect App

1. Slide the Power On/Off switch to ON to turn Base Station on.
2. Open the HubbleClub by Hubble Connected App on your compatible smartphone or tablet, select **Wellness** on home page, then tap **Guardian Cam** and **Guardian+** to access to Base Station setup.
3. Press and hold Pair (PAIR) button at the bottom of Base Station, you will hear a voice prompt "Ready for Pairing" when the device enters HubbleClub App pairing mode, follow the in-app instructions to connect Base Station to your account.
4. If registration fails or connection cannot be completed during 60s, connection mode will be turned off, please try again with steps 2 & 3.
5. Full control and full features can be accessed with HubbleClub App.

Please take note of the following minimum system requirements:




Smartphones/Tablets: iOS 12.0, Android™ 8.0

Wi-Fi ® requirements: At least 0.6 Mbps upload bandwidth per Smart Monitoring Companion, test your Internet speed at: <http://www.speedtest.net/>






5. Operation of Base Station

5.1 Control Night Light




1. Tapping the Night Light  icon on the top of Base Station will change the color of night light. Tapping again will cycle all colors.
2. The brightness of night light can be adjusted by tapping the brightness up  and brightness down  icons.

5.2 Control Soothing Sound

1. Tap the Soothing Sound  icon on the top of Base Station to change the soothing sound.
2. The volume of the soothing sound can be adjusted by tapping the volume up  and volume down  icons.

5.3 ConnectChat™

ConnectChat™ in Guardian Cam is designed in such a way that both parent and child can send voice recorded messages to each other.

1. Tap and hold ConnectChat™  icon until a beep tone is heard from the Base Station, release tapping and start recording a voice message. (A single voice message can have maximum recording time of 20 sec.)
2. Tap ConnectChat™  icon again to stop the recording and send voice message to the smartphone registered in the HubbleClub App.
 - Parent will receive an app notification when new voice message has arrived.
 - Parent in reply can record their voice message through the app creating a bi-directional conversation.
3. When a new voice message is received, the night light of Base Station will blink, tap ConnectChat™  icon to listen the voice message from HubbleClub App.

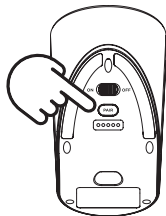


5.4 Use Base Station as a BT Speaker

1. Press and hold the Pair (PAIR) button on the bottom of Base Station for 2s. You will hear a beep tone and the Pair LED indicator blinks in blue color when the device enters BT pairing mode.
2. Go to the Set-Up menu of your mobile phone. Then go to BT Connection.
3. Find the Device name "Guardian Audio" and connect.
4. If the connection fails, please try again by going through steps 1 to 3.
5. Stream the audio from your mobile phone and listen to it in Base Station.

Note:

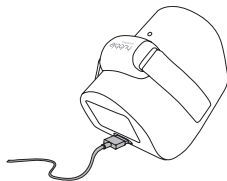
Once BT is disconnected, reactive BT by short pressing Pair (PAIR) button, and reconnect Base Station on your mobile phone.



6. Using of Smart Sensor

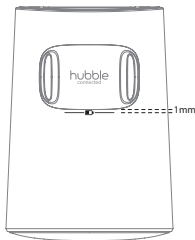
6.1 Device Power and Charging

1. Install the power adaptor and insert the plug into Base Station.
2. Power on and off using the switch under the device.
3. Charge the device by laying the sensor on the charging pins of the base station. The base station must be turned on for the Sensor to charge.
4. Please place the sensor as the illustration below for charging.



CHARGING

correct position for charging
1mm away from the indication line



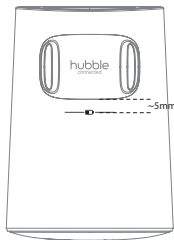
NOT CHARGING

incorrect position for charging
cover the indication line



NOT CHARGING

incorrect position for charging
around 5mm away from the indication line



5. The charging indicator will turn red during charging and will turn to blue when the sensor is fully charged.

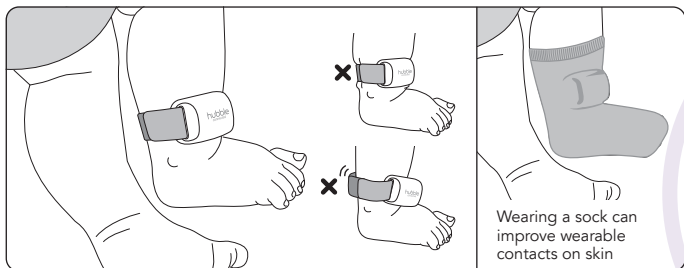
Tip:

Switch off the sensor to charge when the sensor is extremely low in battery.



6.2 Device Placement

1. Place the sensor on the smallest part of your child's ankle just above the ankle bone. The sensor must be facing the outside of the ankle (as shown in the picture below). Use the Velcro on the straps to secure the device in place.
2. To avoid discomfort, red marks, pressure sores or blister due to incorrect use, ensure the device is fitted snugly but not wrapped too tight. Different strap lengths are available for different leg widths for maximum comfort.
3. The operation distance between the wearable sensor and base station works best between 6-9 feet (2-3m).



7. Disposal of the Device (environment)

At the end of the product life cycle, you should not dispose of this product with normal household waste. Take this product to a collection point for the recycling of electrical and electronic equipment. The symbol on the product, user's guide and/or box indicates this.



Some of the product materials can be re-used if you take them to a recycling point. By reusing some parts or raw materials from used products you make an important contribution to the protection of the environment.

Please contact your local authorities in case you need more information on the collection points in your area.

8. Troubleshooting

Audio issue

- If audio is breaking or delaying during baby monitoring mode, it could be due to weak WIFI network. Please relocate the Guardian Cam to somewhere with a better WIFI signal.

Network issue

- If Guardian Cam is showing offline on the APP, restart the unit. You can also try closing the APP and open it again.
- If the issue persists, factory reset the unit by holding down the Hubble Pair button for 10 seconds. You will need to register the product on HubbleClub APP again.

BT issue

- If BT cannot be searched from the phone, restart the Guardian Cam and reactive the BT to connect or pair again.



Category	Problem Description / Error	Solution
General	Which platforms are supported for accessing my device?	Minimum requirement: Android™ 8.0 iPhone®/iPad® iOS version 12.0
General	How do I download the App for Android™ and iOS devices?	Android™: <ul style="list-style-type: none"> – Open the Google Play Store on your Android™ device. – Select Search – Type in “HubbleClub by Hubble Connected” – The results will show the Hubble App – Select to install it iOS Device: <ul style="list-style-type: none"> – Open the App Store™ – Select Search – Type in “HubbleClub by Hubble Connected” – The results will show the Hubble App – Select to install it
General	When I try to view my device, I get a prompt for device firmware upgrade. What should I do?	Please upgrade your firmware. This takes around 5 minutes. We push upgrades from time to time to improve the device features.
Account	I am unable to login even after registration.	Please check your user name and password.
Account	I receive an error message saying: “Email ID is not registered”.	Please ensure that you have registered with us. Tap Create Account to create an account.



Account	What do I do if I forgot my password?	Click on the "Forgot Password" link on https://app.hubbleconnected.com/#lostpassword OR on your Android™ or iOS application. An email will be sent to your registered email address.
Account	I am unable to receive a new password although I have used the "Forgot password" option.	<ol style="list-style-type: none"> 1. The e-mail might have been sent to your Junk Mail Folder. Please check your Junk Mail Folder. 2. There might be a delay in getting your e-mail. Please wait a few minutes and refresh your email account.
HubbleClub	Cannot find my product model on APP.	There are more than one Hubble App. Check if you download correct App "HubbleClub By Hubble Connected" and select Wellness .
Connectivity Issues	I get a message: We are having problems accessing your device. This could be due to lack of internet connection. Please wait and try again later.	<ol style="list-style-type: none"> 1. Please try again in a few minutes. This could be because of any issue with your internet connection. 2. If the problem remains, please restart your device to check if this fixes the problem. 3. Please restart your WIFI Router.
Connectivity issues	I am not able to access my device.	Please check if the device is within Wi-Fi® range. Please try to move the device closer to the router for better Wi-Fi® connectivity and try again.
Connectivity issues	Sensor is offline	The sensor only shows online when transmitting data. This happens every 60 to 70 seconds.



Feature	Nightlight not on.	<ol style="list-style-type: none"> 1. Press nightlight button on Base Station to cycle to next color. 2. Increase brightness level on Base Station or using the HubbleClub App.
Feature	Cannot hear sounds, music, or stories.	<ol style="list-style-type: none"> 1. Increase volume on Base Station. 2. Increase volume in Hubble Club. 3. Sounds, Music, or Story is paused.
Feature	Cannot pair to BT.	<ol style="list-style-type: none"> 1. Make sure you are pressing the Pairing button (PAIR) on the bottom of the Base Station. 2. Make sure BT on your mobile device is turned on.
Feature	No sound.	<ol style="list-style-type: none"> 1. Make sure the Base Station is connected to your mobile device. 2. Increase volume on the Base Station. 3. Increase volume on your mobile device.
Feature	Cannot send or receive chat messages.	<ol style="list-style-type: none"> 1. Make sure your phone number is added in HubbleClub. 2. Make sure the beep is heard after pressing the ConnectChat™ button on the Base Station before starting your message. 3. Check for new messages in the ConnectChat™ section in Hubble Club. 4. Review "Learn more about ConnectChat™" on the HubbleClub App.



9. General Information

If your product is not working properly, read this User Guide.

Contact Customer Service:

Live Chat: hubbleconnected.com

Email: support@hubbleconnected.com

Online warranty registration: <https://hubbleconnected.com/warranty>

Online Product Registration:

<https://hubbleconnected.com/apps/product-registration>

Consumer Products and Accessories Limited Warranty ("Warranty")

Thank you for purchasing this Hubble Smart Nursery branded product manufactured by Hubble Baby (HK) Limited ("HUBBLE").

What Does this Limited Warranty Cover?

Subject to the items listed below in the section "What is not Covered" HUBBLE warrants that this Hubble connected branded product ("Product") will be free from defects in material and workmanship under normal use for a period of 1 year from the date of purchase and that any certified accessory ("Accessory") sold for use with this product will be free from defects in materials and workmanship under normal use for a period of 90-days from the date of purchase. This Limited Warranty is your exclusive warranty and is not transferable.

What is not covered?

This Limited Warranty excludes and does not cover:

- Normal deterioration or wear resulting from use;
- Damage caused by or resulting from misuse, abuse, or accident;
- Damage caused by or resulting from improper operation or storage;
- Damage caused by or resulting from contact with foreign substances, including, but not limited to, liquid, water, rain, humidity, perspiration, sand, dirt, and/or food;
- Damage caused by or resulting from the use of Non-Hubble Smart Nursery branded or certified Products or Accessories or other peripheral equipment;



- Damage caused by or resulting from modifications, alterations, tampering, improper installation, or repairs by someone other than Hubble connected or their authorized representatives;
- 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; and,
- Periodic maintenance, repair and replacement of parts due to normal wear and tear.

What Other Limitations Are There?

THIS LIMITED WARRANTY SETS FORTH THE ENTIRE LIABILITY OF HUBBLE AND CONTAINS YOUR SOLE AND EXCLUSIVE REMEDY. OTHER THAN THIS LIMITED WARRANTY, HUBBLE MAKES NO ADDITIONAL REPRESENTATIONS OR WARRANTIES, EXPRESS OR IMPLIED, INCLUDING WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. IF YOUR STATE DOES NOT PERMIT THE DISCLAIMER OF WARRANTIES, THEN THE IMPLIED WARRANTY OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE IS LIMITED TO THE DURATION OF THIS LIMITED WARRANTY. REPAIR OR REPLACEMENT IS YOUR SOLE AND EXCLUSIVE REMEDY AGAINST HUBBLE AND Hubble Smart Nursery. IN NO EVENT SHALL HUBBLE OR Hubble Smart Nursery's LIABILITY TO REPAIR OR REPLACE YOUR PRODUCT OR ACCESSORY EXCEED THE ORIGINAL PURCHASE PRICE OF THE PRODUCT AND ACCESSORY AND HUBBLE AND Hubble Smart Nursery's TOTAL LIABILITY FOR DAMAGES ARISING FROM THIS LIMITED WARRANTY SHALL NOT EXCEED THE PRICE YOU PAID FOR THE PRODUCT AND ACCESSORY REGARDLESS OF WHETHER SUCH CLAIM ARISES UNDER CONTRACT, STATUTE, TORT OR OTHERWISE. IN NO EVENT AND UNDER NO CIRCUMSTANCES WILL HUBBLE OR Hubble Smart Nursery BE LIABLE FOR DIRECT, 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. ALL DISCLAIMERS, LIMITATIONS OF LIABILITY AND MODIFICATIONS OF WARRANTIES STILL APPLY EVEN IF THE LIMITED REMEDY OF REPAIR AND REPLACEMENT FAILS OF ITS ESSENTIAL PURPOSE.

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

Who is covered?

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

What will HUBBLE do?

HUBBLE or its authorized distributor at its sole discretion will, at no charge, repair or replace any Products or Accessories that do not conform to this Warranty. In the event that replacement is necessary to remedy a defect in material or workmanship, HUBBLE may use new or remanufactured products, accessories or parts of equal quality to the original Product or Accessory.

How to Obtain Warranty Service or Other Information?

To obtain service or information, please contact us by:

Live Chat: hubbleconnected.com

Email: support@hubbleconnected.com

Online warranty registration: <https://hubbleconnected.com/warranty>

Online Product Registration:

<https://hubbleconnected.com/apps/product-registration>

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

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, (e) your name, address, email address and telephone number.



These terms and conditions constitute the complete warranty agreement between you and HUBBLE 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 HUBBLE or representations made by any agent, employee or staff of HUBBLE, that may have been made in connection with your purchase of any Product and/or Accessory.

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.*

Industry Canada. This device complies with Industry Canada license-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.

Download User Guide from website: support.hubbleconnected.com



10. Technical Specifications

BASE STATION AND SMART SENSOR

Wi-Fi version	802.11 b/g/n, 2.4GHz
BT	BT 4.2
Maximum radio-frequency power	20dBm
Operating Temperature	41°F - 104°F
Speaker Type	4Ω, 5W
Night Light	RGB, 7 colors, and auto cyclic mode
Volume Control	8 Levels
Brightness Control	8 Levels
Power Adaptor	Input: 100-240V AC, 50/60Hz, 300mA; Output: 5.0V DC, 1000mA



CAMERA UNIT

Wi-Fi version	802.11 b/g/n
Frequency	2400 MHz to 2483.5 MHz
Image sensor	color CMOS 2M Pixels
IR LED	8 pcs
Maximum radio-frequency power	20dBm
Operating Temperature	41°F - 104°F
Power Adaptor	Input: 100-240V AC, 50/60Hz, 300mA; Output: 5.0V DC, 1000mA





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