hubble connected™

QUICK START GUIDE

Smart Assistant with integrated Camera

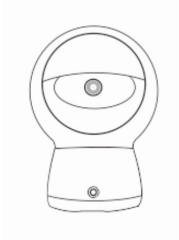
Model: HUGO

1. Safety Instructions

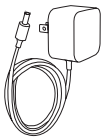
READ AND SAVE THESE INSTRUCTIONS.
WARNING
This product is compliant with all relevant electromagnetic field standards and is, when handled as described in this Guide, safe to use. Therefore, always read the instructions in this Guide carefully before using the device, and save it for later use.

- HUGO is intended for indoor use only.
- HUGO is not a toy. Do not allow children to play with it.
- Keep this Guide for future reference.
- Use of other 2.4 GHz products, such as other wireless networks, Bluetooth® systems or microwave ovens may cause interference with this product. Keep HUGO 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. What's in the box?



Hugo



Power adapter

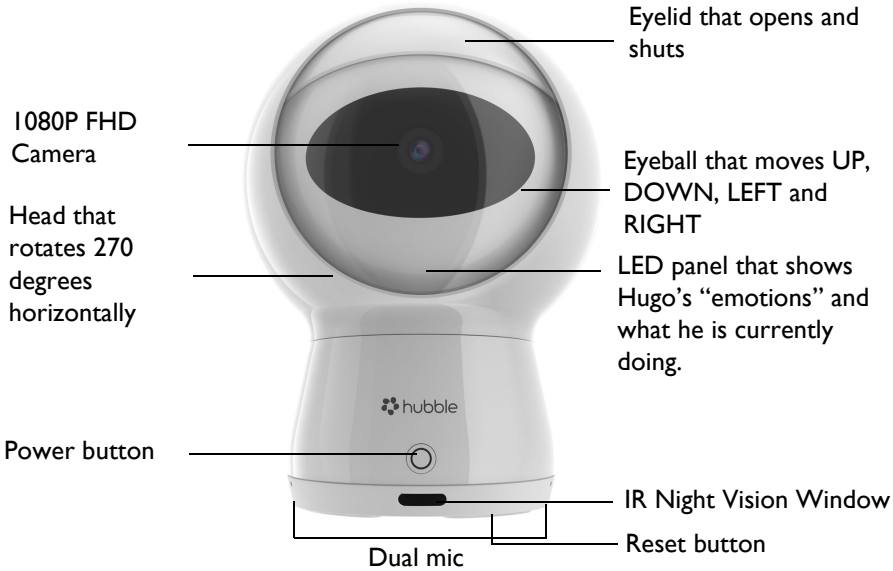
microSD card tray ejector tool

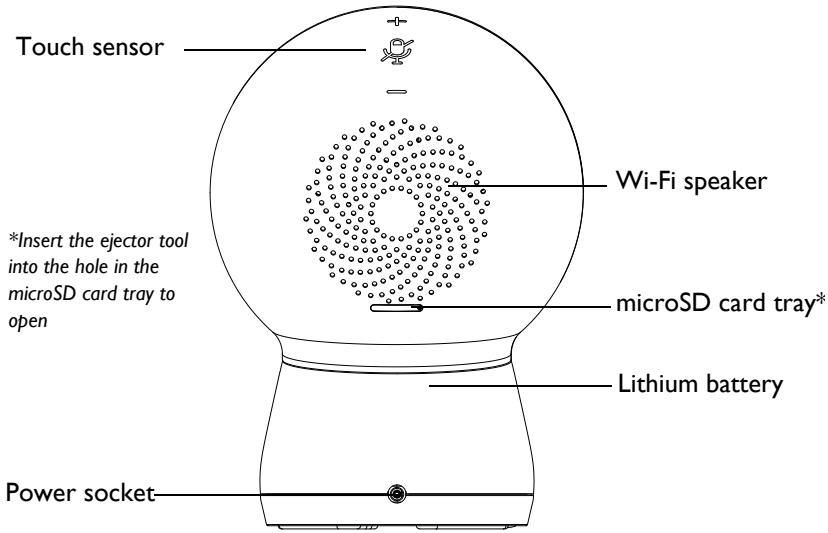
User Guide, Safety and Warranty Instructions

3. What can HUGO do?

- **Monitoring**. Hugo can be used for monitoring the home as well as the baby or even pets. It monitors the room remotely and streams videos directly to your smartphone.
- **Record videos and take still pictures on demand**. Its video-recording capabilities can record what's going on in the house, which are stored locally or on SD card, and can backed up to Hubble Cloud. You can shut HUGO's eyelid that covers the camera lens to protect your privacy.
- Integrated with Amazon's Alexa Voice Service, **Hugo is controlled by talking directly to it.** It has far field microphones which pick up voice from distance. It can download stories and can read bedtime stories to your kids, tell jokes, provides information like the news and weather, set reminders and control your smart home devices.

4. Product Overview





5. Charging the battery

The battery will start charging automatically when the power adapter is plugged in.

You can charge Hugo with the included power adapter. To charge, plug the adapter into a power outlet, then connect the other end to the power socket on the back of Hugo. It is recommended that you do not unplug HUGO from the power socket. But if you ever have to, HUGO can run on battery for about two hours.
When Hugo runs on battery, all functions are working except panning of the head, which is disabled due to high battery drainage.

6. Powering Hugo On & Off

Power LED blinks	HUGO is not connected to any WiFi network.
Power LED steady on	HUGO is connected to a WiFi network.

IMPORTANT

Make sure that the IR Night Vision Window at the bottom of HUGO is not obstructed.

7. Connecting Hugo

What you need:

- Smartphone or tablet with Android™ OS 5.0 and later or iOS 9.0 and later
- Wireless network

7.1 Download HUGO App

For Android™ devices

Go to Google Play™ Store, search for “HUGO”, then download and install the App on your Android device.

For iOS devices

Go to App Store, search for “HUGO”, then download and install the App on your iOS device.

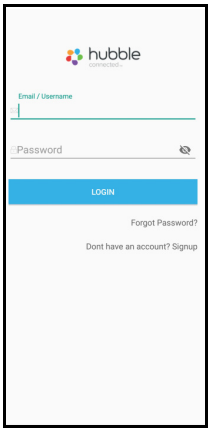
7.2 Setting up on Android Devices

Step 1:

Ensure that your Android device is connected to the Wi-Fi® router.

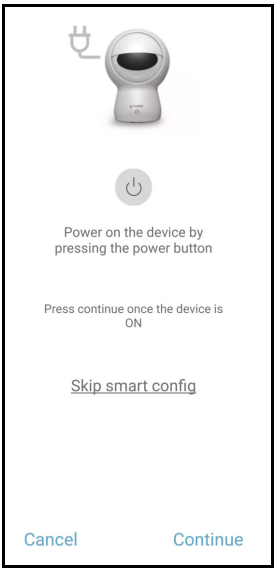
Step 2:

Run HUGO on your Android device, tap **SIGNUP** and follow the in-app instructions to create your HUGO Account.

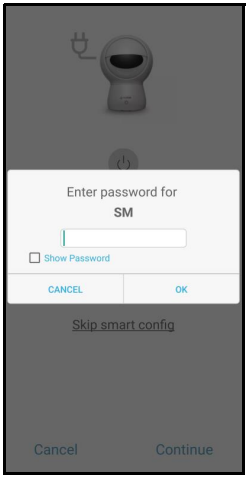


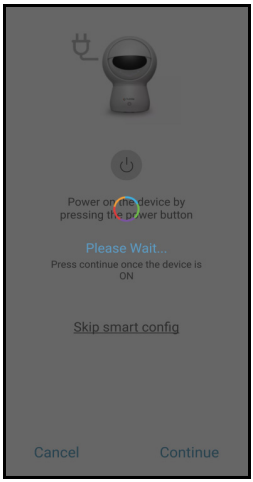
Step 3:

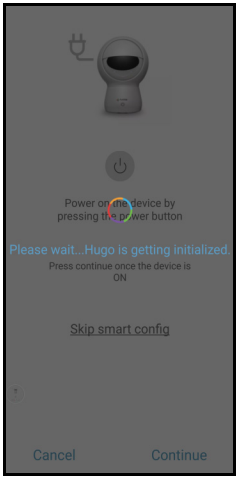
Power up HUGO and tap **Continue** when HUGO says **"Connect me to Internet"**.



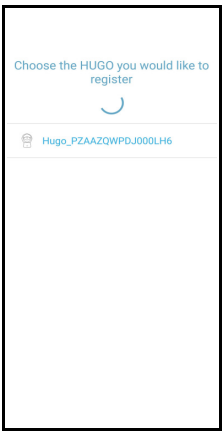
Step 4:
Tap **Continue** to confirm your Wi-Fi® network or tap **Change** to choose another Wi-Fi® network.





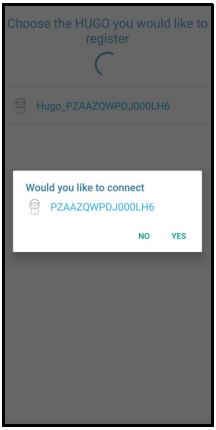


Step 5:
Once you have selected your Wi-Fi® network, your Android device will start to establish a connection with HUGO.
Connection should take less than 1 minute.

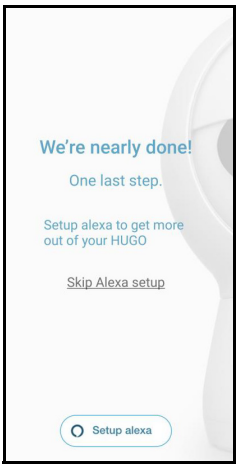


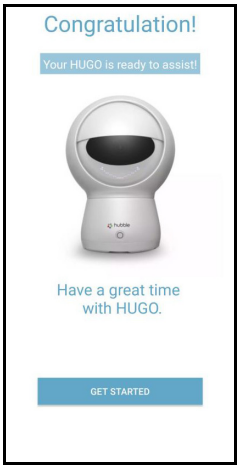
Step 6:
Register your Android device with HUGO by pressing the power button on HUGO twice to start registration. You should hear a confirmation message from HUGO.

Registration should take less than 1 minute.



Step 7:
Tap **Setup Alexa** and follow the on-screen instructions to set up Alexa on your Android device.





Step 8:
Follow the in-app instructions to set up HUGO for home monitoring, including settings for facial recognition, sound detection, motion detection and more.

7.3 Setting up on iOS Devices

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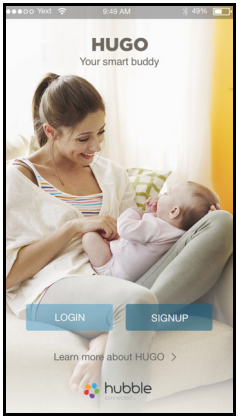

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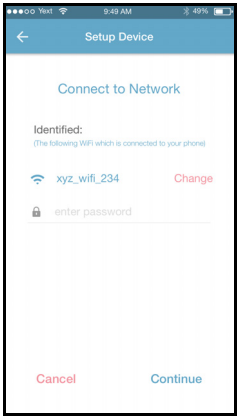

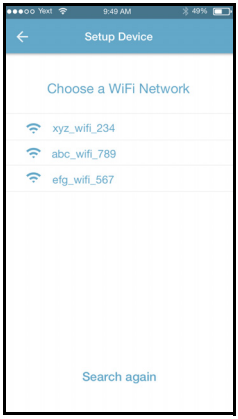

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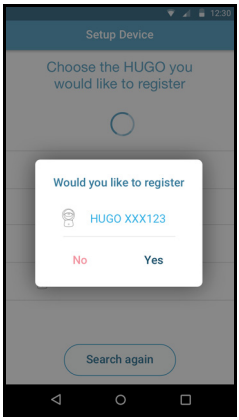

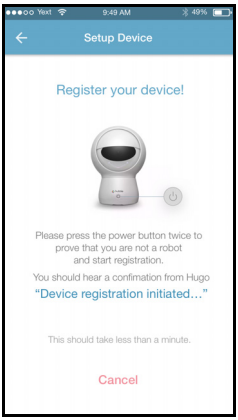

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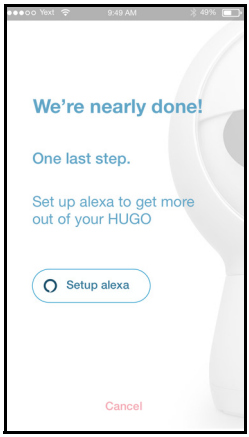
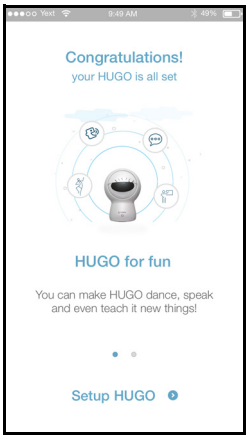




Step 8:
Follow the in-app instructions to set up HUGO for home monitoring, including settings for facial recognition, sound detection, motion detection and more.

8. Getting Started with Hugo

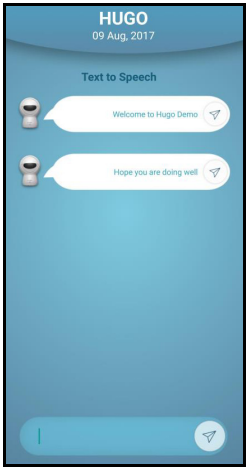
8.1 Overview of Hugo App

8.1.1 Eyeball Dance

With music, Hugo can basically move his eye to a beat, entertaining the young and easily-amused.

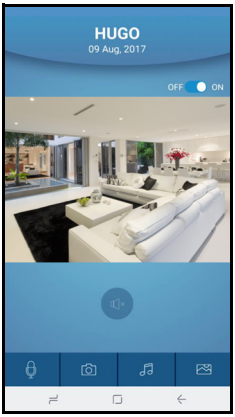
8.1.2 Text to Speech

If you want Hugo to say something special, enter the sentence on the App, choose a sound effect, and he will say as you like. Text input can be stored and played back again using a key press.



8.1.3 Live video streaming

Hugo can stream what it sees, so you can monitor a room from anywhere. Depending on network connection, you can stream videos directly to your mobile device using a p2p (peer-to-peer) connection or relay streaming via Hubble server. You can move Hugo's camera up, down, left and right via the App.



8.1.4 Motion Detection

Motion detection algorithms are embedded on Hugo's Camera. When motion detection is enabled, notification will be sent to your mobile device once motion is detected by the camera.

8.1.5 Smart Zone and Safe Zone

When Hugo is in a fixed position, you can set a predetermined area within the Hugo's camera view that movement will be detected. Any physical movement or camera related activities will deactivate this feature; you will be notified and zone detection will stop.

8.1.6 Face Detection

Hugo is also equipped with facial detection capability. During video streaming, the camera will focus on a face and it can track a person as they move around the room.

8.1.7 Sound Detection

When sound detection is enabled, it will generate Sound Alert Notification to your mobile device after a predetermined sound level is reached.

8.1.8 Built-in Lullabies

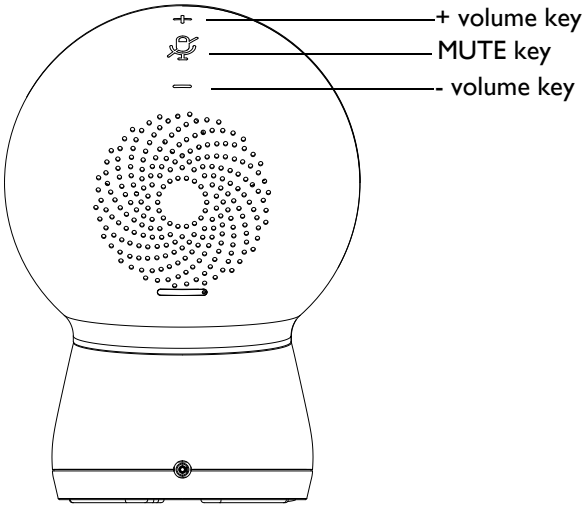
Hugo has built-in lullabies that can be accessed using HUGO Alexa skill.

8.1.9 Playing a Storybook

Hugo also has built-in story books that can be accessed using HUGO Alexa Skill.

8.2 Touch Sensor

Hugo has a touch sensor that is located on top of its head.



Touch Control		
Status	**Control**	**Effect**
When music is playing	Touch +volume key +	Music Volume Up
When music is playing	Touch -volume key –	Music Volume Down
When in listening mode (Alexa)	Touch MUTE key	Mute Mic
When mic is muted	Touch MUTE key	Listening Mode (Alexa)
Interaction mode (without music)	Touch +volume key +	System Volume Up
Interaction mode (without music)	Touch -volume key –	System Volume Down

8.3 Controlling Hugo Via Voice Commands

Hugo's functions can be controlled by voice, either by talking to Hugo directly or by talking to any Alexa certified device.

Before you can use Hugo's Alexa skills, you must install and activate Hubble Hugo Skill Kit. To install and activate Hubble Skill Kit:

1. Go to Amazon Alexa app, select "Skills" from the app menu.
2. Search for "Hubble Hugo", press "Enable", and follow the in-app instructions.

Below are some HUGO commands for Alexa Skill:

Note: **succeeding utterance ignored.*

Basic Control			
Intent	**Possible Phrases**	**Hugo Actions**	
		Physical Action	**Verbal Reply**
Volume Up	• Alexa Volume Up • Alexa Volume Up XXXXXX*	None	None
Volume Down	• Alexa Volume Down • Alexa Volume Down xxxx*	None	None
Volume N	• Alexa Volume N **N = 1 to 10**	None	None
Stop	• Alexa Stop	None	None
Controlling the Camera			
Intent	**Possible Phrases**	**Hugo Actions**	
		Physical Action	**Verbal Reply**
Set Privacy	• Alexa ask Hugo to Set Privacy • Alexa ask Hugo for Privacy • Alexa ask Hugo Privacy xxxx* • Alexa ask Hugo Privacy	Close Eyelid	None

Close Eye	• Alexa ask Hugo to Close eyelid • Alexa ask Hugo to close eye • Alexa ask Hugo to close eye xxxx *	Close Eyelid	None
Open Eye	• Alexa ask Hugo to Open eyelid • Alexa ask Hugo to Open eye • Alexa ask Hugo to Open xxxx *	Open Eyelid	None
Turn Left	• Alexa ask Hugo to Turn Left • Alexa ask Hugo to Turn Head Left • Alexa ask Hugo to Head Turn Left **"Alexa Stop" Command should stop action immediately**	Hugo head turns left	None
Turn Right	• Alexa ask Hugo to Turn Right • Alexa ask Hugo to Turn Head Right • Alexa ask Hugo to Head Turn Right **"Alexa Stop" Command should stop action immediately**	Hugo head turns right	None
Look Up	• Alexa ask Hugo to Look Up • Alexa ask Hugo to Focus Upwards **"Alexa Stop" Command should stop action immediately**	Hugo camera focus is pointed upwards	None

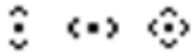
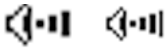
Look Down	• Alexa ask Hugo to Look Down • Alexa ask Hugo to Focus Downwards **"Alexa Stop" Command should stop action immediately**	Hugo camera focus is pointed downwards	None
Take a Picture	• Alexa ask Hugo to take a picture • Alexa ask Hugo to take a photo	None	Shutter Sound
Record Video	• Alexa ask Hugo to Start Recording • Alexa ask Hugo to Record Video	None	None
Stop Recording	• Alexa ask Hugo to Stop Recording • Alexa ask Hugo to Record Stop • Stop	None	None
Entertainment			
Intent	**Possible Phrases**	**Hugo Actions**	
		Physical Action	**Verbal Reply**
Play a Lullaby	• Alexa ask Hugo to Play Lullaby • Alexa ask Hugo to Play Lullaby X **"Alexa Stop" Command should stop action immediately**	None	Lullaby

Read a Story	• Alexa ask Hugo to Read Story • Alexa ask Hugo to Read "Story Title" **"Alexa Stop" Command should stop action immediately**	None	Play Story
Pause	• Alexa ask Hugo to Pause • Alexa ask Hugo to Pause Story	None	Pause Story
Resume	• Alexa ask Hugo to Resume • Alexa ask Hugo to Resume Story	None	Resume Story starting from Pause
Stop	• Alexa Stop	None	None **Stop All Previous Actions**

For more information, visit Amazon "Meet Alexa" on https://www.amazon.com/meet-alexa/b?ie=UTF8&node=16067214011

8.4 Hugo's LED Mouth Expressions

Besides voice and mechanical response, there's also a small LED panel that flashes to represent Hugo's mouth, to show his motion and what he is currently up to.

Action	**LED Display**	**Type**
Loading		Dynamic
Active Listening		Dynamic
Listening		Dynamic
Thinking		Dynamic
Speaking		Dynamic
Mute		Static
Volume Down/Up		Static
Photo		Static
Recording		Dynamic
Battery Low		Dynamic
Upgrade		Dynamic

9. Help

Hugo does not respond to my voice command
Hugo can pick up voice from distance. The usable talking distance is about 5m and depends on the surrounding noise. Avoid putting Hugo close to external speakers when you use the speakers. If the environment noise is high, it might be necessary to come closer to Hugo for talking or to talk with louder voice.

Noise interference
To avoid background noise or echoes, ensure that there is enough distance between your device and the HUGO.
Use of other 2.4 GHz products, such as Bluetooth® systems or microwave ovens, may cause interference with HUGO. Keep HUGO at least 5ft (1.5m) away from these types of products, or turn them off if they appear to be causing interference.

Lost connection
Check your Wi-Fi® settings. If necessary, reconnect your Wi-Fi®.
Ensure that HUGO is switched ON. Wait a few minutes to connect to the Wi-Fi® network.

If you forget your password
If you do not remember your password, tap **Forgot password** and submit your e-mail address. A new password will be sent to your e-mail address immediately.

10. 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.
Please contact your local authorities in case you need more information on the collection points in your area.

11. 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.

Caution: To maintain compliance with the FCC's RF exposure guideline, place the unit at least 20 cm away from nearby persons. 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)
This equipment has been certified to comply with ETL US/Canada safety standard in accordance with UL 998 and Canadian National Standard, CSA C22.2 No. 104-11, (Bi-National Standard, same as UL 998).

WARNING

Changes or modifications, to this equipment not expressively 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.

12. Technical Specifications

Communication	2.4G Wi-Fi 802.11 b/g/n supported Bluetooth 4.0
Power Supply	Adapter: 5V / 3A Battery Type: Rechargeable Li-Ion Battery Battery Capacity: 1800mAH
Camera	Sensor: 2M Pixel CMOS (1080p) Angle: Wide Angle 110 degrees Night Vision: IR Infrared
Memory Card	microSD up to 32GB
Operating Temperature	-10°C to 45°C