USER MANUAL

2.4GHz Digital Wireless Baby Monitor

Model No.: 8206KF
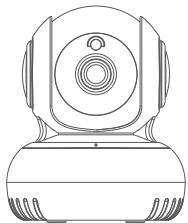
1.Overview

1.1. Introduction

Thank you for choosing our baby monitor. Please read the instruction carefully in case of product damage due to improper operation.
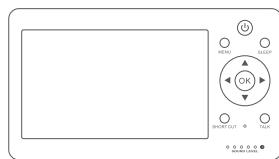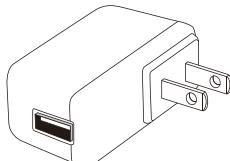
1.2. Parts in the package

Camera
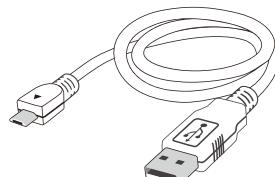
Monitor

Manual
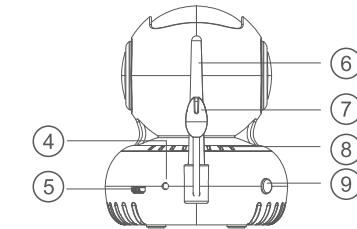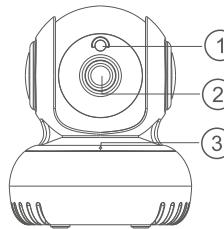
Power adapter x2

Power cable x2

1.3. Product structure

1.Photosensitive sensor
2.Lens
3.Microphone

4.Indicator LED
5.DC socket
6.Antenna

7.Temperature sensor
8.Speaker
9.SET

11. Antenna
12. Menu button/Return
13. On/off button
14. Sleep button
15. Shift up/Brightness+

16. Confirmation button/
    Zoom button
17. Shift right/Volume+
18. Shift down/Brightness-
19. Shift left/Volume-
20. Dialogue key

21. Status indicator

22. Microphone
23. Shortcut button
24. RESET button
25. USB interface

1.4. Explanation for icons
1.4.1. Icon of status bar

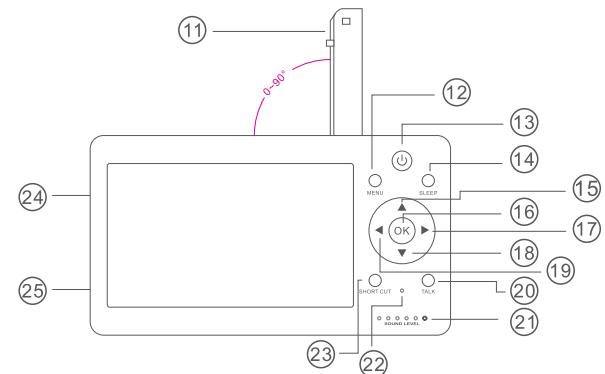|	
	No signal connection between the monitor and camera
	Signal strength between the monitor and camera
	Show the channel being played
	Cradlesong enabled
	Sleep setup of monitor enabled
27℃	Show current room temperature
	Show current battery level. When battery level is too low, the icon will become and flash
	Sound alarm enabled
	Temperature alarm enabled

1.4.2. Icon for message push

	Camera is not added or camera and monitor are disconnected
	Sound alarm prompt
	Temperature alarm prompt

1.5. Explanation for status indicator LED

SOUND LEVEL

The first green LED lights constantly: indicates that the camera and monitor are connected successfully
The first green LED flashes slowly (once per second): indicates that it is starting, without connecting the camera
The first green LED flashes quickly (3 times per second): indicates code matching
From the second to fifth green LEDs flash from low to high: Quantity of flashing LED indicates sound volume received.
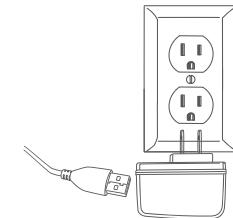**From the second to fifth green LED s flash simultaneously (once per second):** indicates that alert signal is received.
The sixth red LED is on: indicates that the lithium battery is being charged; (It has nothing with the device stutus)
The sixth red LED is off: indicates that the battery is full.
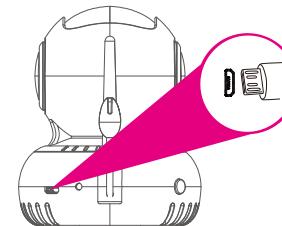
03

2.Getting Started

2.1Powering the Camera Unit

1. Connect the Camera Power Adapter to the Camera Unit.
2. Position your Camera Unit no less than 3 feet away from your baby's crib. Ensure the power cord is not within reach of your baby.

⚠ WARNING
Strangulation Hazard:

Children have STRANGLED in cords. Keep this cord out of the reach of children (more than 3feet(0.9m) away). Never use extension cords with AC Adapters.Only usse the AC Adapters provided.

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2.2. Charging and Powering the Monitor Unit

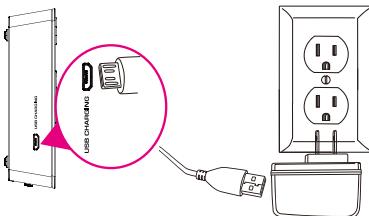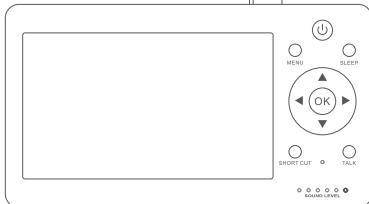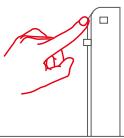2.2.1. For the best effect, open the antenna of the monitor at first.

2.2.2. Plug an end of the charging cable into the USB socket in the side of the monitor. Plug another end into the power adapter. Then plug the adapter into a power socket.

2.2.3. Press and hold the ⏻ button for 2 seconds to turn ON the Monitor Unit.
2.2.4. Once both the Camera and Monitor Units are switched on, the display on the Monitor Unit will show the video captured by the Camera Unit.
2.2.5. If there is no connection or you are out of range, the video display will go off and the screen WARNING: 🔔 will be shown on the LCD display. The unit will also beep every one second. Move the Monitor Unit closer to the camera Unit until the link is re-established.
2.2.6. Press and hold the ⏻ button for 2 seconds to turn OFF the Monitor Unit.
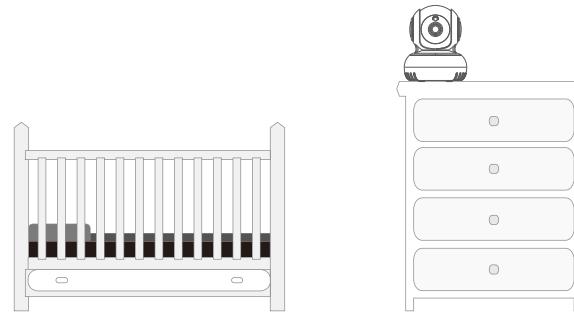
NOTE:
The 🔋 battery icon appears and flashes on the LCD screen to indicate that the battery is low. The battery needs to be recharged. Fully charging the battery takes about 7 hours. When it is Charging, the sixth LED of the ⚬⚬⚬⚬⚬⚬ SOUND LEVEL is red. When it is full, the sixth LED is off.

3. Using the Monitor

3.1. Set Up

Place the Camera Unit in a convenient location (e.g. on a table or a shelf) and point the camera lens toward the area you want to monitor.

NOTE:
Do not place the Monitor Unit within baby's reach. If there is interference with the picture or sound, try moving the units to different locations, and ensure they are not close to other electrical equipment.

3.2. Pan and Tilt

The Camera Unit can be remotely controlled from the Monitor Unit.
3.2.1. Press ▲ UP button or ▼ DOWN button to tilt upward or downward.
3.2.2. Press ◄ LEFT button or ► RIGHT button to pan left or right.

3.3. Night Vision Mode

The Camera Unit has 8 high-intensity infrared LEDs for picking up clear images in the dark. When the built-in photo sensor detects a low level of ambient light, the LEDs will automatically activate and the screen on the Monitor Unit will display in black and white.

3.4. Talk Mode

Press and hold the ⊙ TALK button on the Monitor Unit to talk to your baby through the Camera loudspeaker. Release the TALK button and hear the baby voice from the Camera Unit.

3.5. Sleep Mode (Video OFF with Audio ON)

Short press the ⊙ SLEEP button to turn the LCD screen OFF while keeping the audio ON. This mode conserves power. Short press the ⊙ SLEEP button again to turn screen back on.

Note:
The mode does not influence automatic sleep setup. Automatic sleep still plays a role.

3.6. Shortcut Mode

3.6.1. Short press the ⊙ SHORT CUT button to pop up this interface
3.6.2. Press ▲ UP button or ▼ DOWN button to adjust the brightness
3.6.3. Press ◄ LEFT button or ► RIGHT button to adjust the volume.
3.6.4. Press the SHORT CUT button again to exit the interface
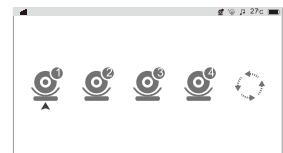
4. Function Setting of the Monitor

4.1. Access Menu

Press the ⊙ MENU button to access the function setting interface. And press the MENU button again to exit the interface.

4.2. Setting of Camera

4.2.1. Add camera
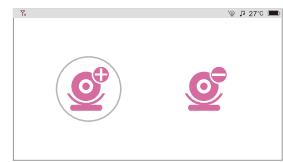
4.2.1.1. Select the " 🎥 " icon,then press the "OK"button of the monitor
4.2.1.2.Press the "◁" or "▷" button to select which channel to play.
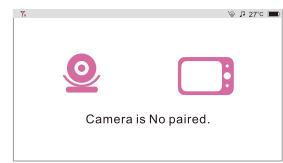
4.2.1.3.Select the " ↻ " icon,press the "OK" button and then enter the scan mode, every channel will loop and the interval is 10s.

4.2.1.4.Select the " 🎥 " icon,then press the "OK" button.

4.2.1.5.Select the " 🎥 " icon,then press the "OK" button, the monitor will prompt "Camera is no paired"

Camera is No paired.

4.2.1.6. Then press the "OK"button of the monitor.

Start pairing, please press the SET button on the camera.

4.2.1.7.Press the SET button on the camera bottom for 1 second, green indicator LED of the camera will flash quickly, the equipment jumps to pairing mode.Now, the camera and monitor start pairing .

4.2.1.8. When the monitor prompts "pairing is OK", it indicates that equipment is paired successfully.

Pairing is OK.
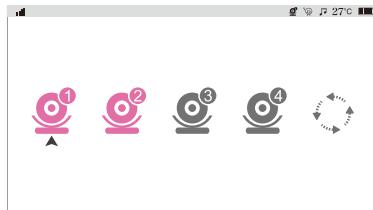
4.2.1.9. The monitor will jump to monitoring screen, and green indicator LED of the camera will light constantly. The playing channel will be displayed on the upper left corner of the screen.
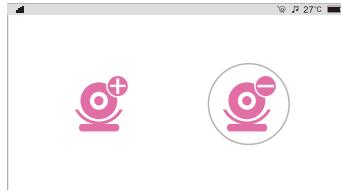
4.2.2. Delete camera

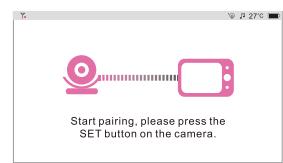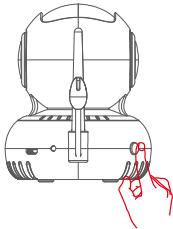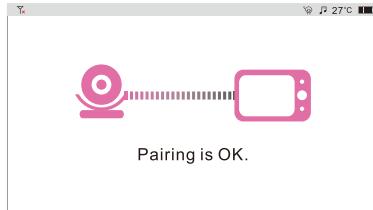4.2.2.1. Select the " 🔴 "icon,then press the "OK"button of the monitor.

4.2.2.2. Press the " ◁ " or " ▷ " button to select which channel to delete.
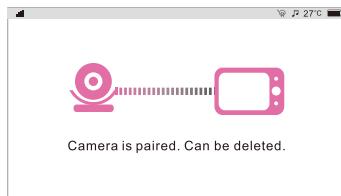
4.2.2.3. Select the " 📷1 " icon,then press the "OK" button.
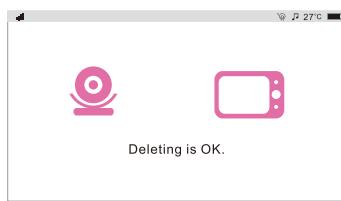
4.2.2.4. Select the " 📷 "icon,then press the "OK"button of the monitor.

4.2.2.5. Now, the equipment will prompt "Camera is paired. Can be deleted". Press the "OK" button of the monitor.

Camera is paired. Can be deleted.

4.2.2.6. When the monitor prompts "Deleting is OK", it indicates that camera has been deleted successfully.

Deleting is OK.

4.2.2.7. The monitor will return to monitoring screen and show no camera added. Green indicator LED of the camera will turn to flash.

4.3. Setting of Sound Alarm

Set alarming range of sound sensitivity. The function will identify loudness of baby's cry, when it exceeds the setting, the monitor will send out the alarm sound.

4.3.1. Select the " 🔊 " icon, then press the "OK" button of the monitor.

4.3.2. Select " Low 、 Default 、 High " icon as demanded, press the "OK" button of the monitor to complete setting of sound alarm.Press MENU button on the monitor for 2 times, it will return to real-time screen. (if OFF is selected, when "OK" button of the monitor is pressed, the monitor will not push sound alarm any more)

Note: The alarm sound will last for 1 minute. The sound alarm can be closed by pressing any button on the monitor, and it will not receive the notice within 3 minutes after closing.
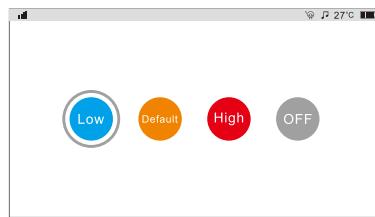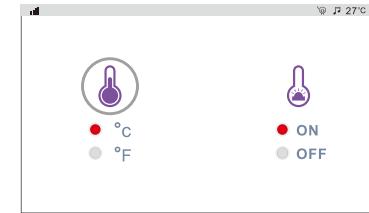
4.4. Setting of Temperature Alarm

When baby's room is too hot or too cold, temperature alarm will push notice to your monitor.

4.4.1. Select the " 🌡 " icon, then press the "OK" button of the monitor.

4.4.2.Celsius degree setting

Set as Celsius degree : Select ● °C icon, press the "OK" button of the monitor.
Set temperature switch: Select ● ON ,press the OK button of the monitor to indicate temperature alarm function enabled.After setting is OK, press the ◯ button of the monitor for 2 times, it returns to real-time screen.
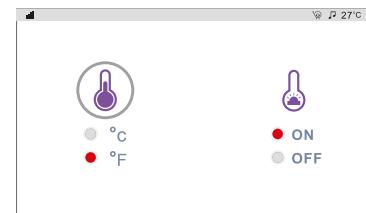
4.4.3.Fahrenheit degree

Set as Fahrenheit degree: Select ● °F icon, press the OK button of the monitor.
Set temperature switch: Select ● ON , press the OK button of the monitor to indicate that temperature alarm function enabled successfully.After setting is OK, press the ◯ button of the monitor for 2 times to return to real-time screen.

Note: Default normal temperature is 15℃ - 30℃ (59℉ - 86℉). When the temperature of baby's room is beyond the range, the monitor will receive the sound of temperature alarm. The sound will last for 1 minute. Notice for temperature alarm can be closed by pressing any button of the monitor, and it will not receive the notice again within 3 minutes after closing.

4.5. Setting of Cradlesong

The baby monitor has five cradlesongs to help you with coaxing the baby to sleep.

4.5.1. Select the " 🎵 " icon, then press the "OK" button of the monitor to jump to setup page.

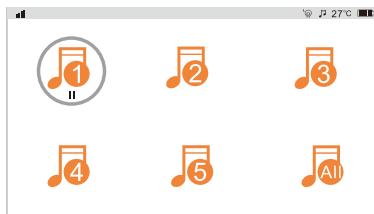4.5.2. Select the music you want to play, press the OK button of the monitor and the camera will play the cradlesong selected by you. After setting is OK, pressing the OK button of the monitor again, the cradlesong pauses. When selecting "ALL", all cradlesongs will be played in loop. After setting is OK, press ⭘ MENU button of the monitor and it will return to real-time screen.

Note: There will be a " ‖ " icon below the option of current song. If the cradlesong pauses, the icon will become " ▶ ".
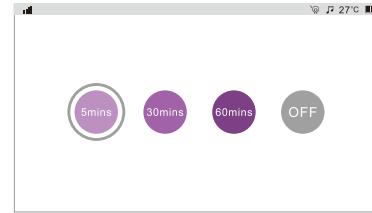
4.6. Setting of Sleep Mode

You can set your monitor as automatic sleep mode. The setup will automatically jump to sleep mode according to the time set by you.

4.6.1. Select " ⚙ " icon and press the "OK" button of the monitor, it will jump to setup page.

4.6.2. Select the time of sleep as demanded. Press OK button of the monitor. Now, the monitor will automatically jump to sleep mode. After setting is OK, press ⭘ MENU button of the monitor two times to return to real-time screen.

Note: There are 3 options including 5 minutes, 30 minutes and 60 minutes for sleep time. You can make a choice according to your own demand. By selecting OFF and pressing "OK" button of the monitor, sleep mode will be closed.

4.7. Configuration

The setup includes time setting, factory reset and viewing of hardware version.

4.7.1. Time setting
Calibrate the time of monitor

4.7.1.1. Select " ⚙ " icon and press the "OK" button of the monitor, to jump to setup page.

4.7.1.2. Select " 🕐 " icon and press the OK button of the monitor to jump to setup page.

4.7.1.3. You can press the ◀ ▶ button of the monitor to select the item to be adjusted; press the ▲▼ button of the monitor to edit the selected item. After setting is OK, press ◯ MENU button of the monitor 3 times, then it will return to real-time screen.

OSD: ON
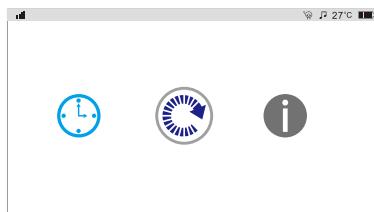
DATE: 2016-12-5

TIME: 18:25:23
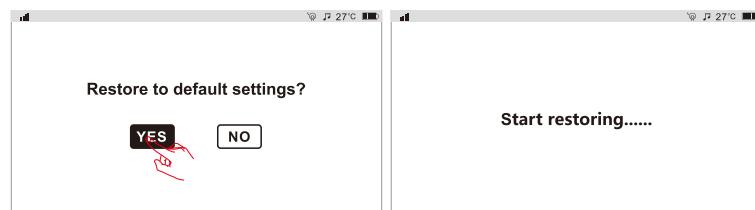
4.7.2.Factory reset

Format all setting of the monitor and delete camera.

4.7.2.1.Select " ⚙ "icon and press the "OK" button of the monitor, it will jump to setup page.
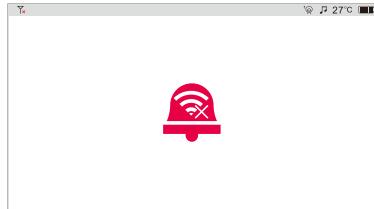
4.7.2.2. Select " 🔆 "icon and press the OK button of the monitor, it will jump to setup page.

Now, the equipment will prompt you to restore the default settings. Select "YES", press the "OK" button of the monitor. The equipment begins to implement factory reset.

Restore to default settings?

YES   NO

Start restoring......

4.7.2.3. After factory reset is OK, the monitor will automatically jump to monitoring screen and show the prompt icon of no camera added. Meanwhile, the green indicator LED of camera will flash.

4.7.3.Information on version

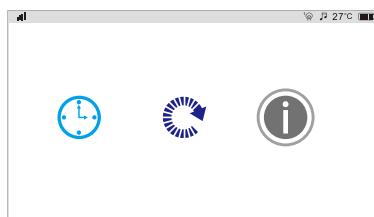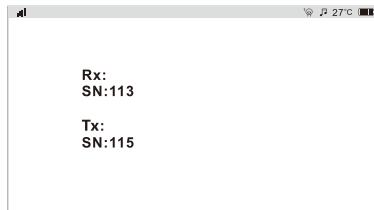### Check receiver version information

4.7.3.1.Select " ⚙ " icon, press "OK" button of the monitor to jump to setup page.

4.7.3.2. Select " ⓘ " icon and press the OK button of the monitor to jump to setup page.

4.7.3.3. Now, the receiver will show version related information. After viewing, press ◯ MENU button of the monitor 3 times to return to real-time screen.

Rx:
SN:113

Tx:
SN:115

5. Troubleshooting

5.1. Product does not switch on

* Confirm that the Camera and Monitor Unit are ON (check Power LED indicator).
* The battery may be depleted; recharge the battery.
* Confirm that power adapters are properly connected.

5.2. Reception interference (static)

* The antenna of the monitor is not open.
* The Camera and Monitor Unit may be too far apart.
* The battery power may be too low.
* Other electronic devices may be interfering with the signal.
* The Camera or Monitor Unit may be in close proximity to large metallic objects causing interference.
* Use of other 2.4GHz products, such as wireless networks (WiFi routers), Bluetooth systems, or microwave ovens, may cause interference with this product. Keep Camera and Monitor Unit at least 5ft (1.5m) away from these items, or turn them off if they appear to cause interference.

5.3. Camera Unit loses link with the Monitor Unit

* If the Camera Unit is too far away with low reception, move the Camera Unit closer to the Monitor Unit.
* Large metallic objects, including doors, refrigerators, mirrors, filing cabinets, and also reinforced concrete, may block the radio signal if between the Camera and Monitor Unit.
* The signal strength may be reduced when in close proximity to radio or electrical equipment, such as TVs, computers, cordless or mobile phones, fluorescent lights or dimmer switches.
* Use of other 2.4GHz products, such as wireless networks (WiFi routers), Bluetooth systems, or microwave ovens, may cause interference with this product. Keep Camera and Monitor Unit at least 5ft (1.5m) away from these items, or turn them off if they appear to cause interference.
* Re-pair the Camera Unit under a different channel, (please refer to Page 8)

5.4. No picture from a Camera Unit

* Check all connections to the camera. Confirm that the adapter is plugged in.
* Try recharging the battery.
* Confirm that all cameras and monitors are both ON.
* Make sure that the Camera Unit is within range of the monitor.
* Confirm that the Camera and Monitor Unit are paired
* Adjust the monitor antenna to vertical position.

5.5. No sound from Monitor Unit

* Volume setting may be too low. Adjust to a higher setting.

5.6. Picture is black and white

* Night vision LED may be ON. Night vision mode operates in black and white.
* Turn on room lights to force monitor out of night vision mode.

5.7. The picture playback is not smooth (choppy video with low frame rate)

* Try moving the Camera Unit closer to the Monitor Unit.
* Remove obstructions between the Camera and Monitor Unit.
* Adjust the monitor antenna to vertical position.
* Use of other 2.4GHz products, such as wireless networks (WiFi routers), Bluetooth systems, or microwave ovens, may cause interference with this product. Keep Camera and Monitor Unit at least 5ft (1.5m) away from these items, or turn them off if they appear to cause interference.

5.8. Noise

* Volume may be set too high on the Monitor Unit. Turn down the volume.
* The Camera and Monitor Units may be too close. Move them further apart.
* The Camera Unit may be too far away and out of range. Move the Camera Unit closer to the Monitor Unit.
* Make sure the Camera and Monitor Units are placed away from other electrical equipment, such as a television, computer or cordless/mobile telephone.

5.9. Charging is failed

* The USB Output Adapter may not be properly connected.
* Try using the other USB Power Cable included.
* There may be no power from the USB outlet. Switch to another electrical outlet (if using USB Output Adapter) or another USB power source (if using computer/laptop USB power).

5.10. Pairing failed

* Make sure that the Power Adapter is connected to the Camera Unit.
* Confirm that the Camera Unit is turned ON (Power LED indicator shows green light).
* Try pairing to another CAM channel.
* Try to Restore the factory setting and re-pair.

6. Specifications

Item	Specification
Camera	
Image sensor	1/4" CMOS
Effective Pixel	720P
Horizontal Viewing Angle	85±5°
Rotation angle	Pan: 270° Tilt:120°
Night visual range	5m
Interface	Micro USB
Power supply	5V 1A
Dimensions(W*D*H)	85x85x103.5mm
Receiver	
LCD	5" TFT LCD monitor
Screen Resolution	1280x720
Interface	Micro USB
Battery capacity	2000mAH
Battery operating time	≥3. 5H
Power supply	5V 1A
Dimensions(W*D*H)	164x98x28mm
RF Characteristics	
RF Range	2400-2483.5MHz
Wireless Transmision	300M (Outdoor)
General	
Operation temperature	0℃~40℃
Storage temperature	-20℃~60℃
Operating humidity	15~85%RH

6. CE and FCC Certification Information

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 FCC Rules. These limits are designed to provide reasonableprotection 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 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
(2) This device must accept any interference received, including interference that may cause undesired operation.

RF exposure warning:
This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment.This equipment shall be installed and operated with minimum distance 20cm between the radiator & body.

Hereby, we declares that this device is in compliance with the essential requirements and other relevant provisions of Directive 2014/53/EU.
Notice: Observe the national local regulations in the location where the device Is to be used. This device may be restricted for use in some or all member states of the European Union (EU)

EU Environmental Provisions

E-waste cannot be mixed with household garbage; corresponding local government sector or recycling stations shall be responsible for circular process.

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