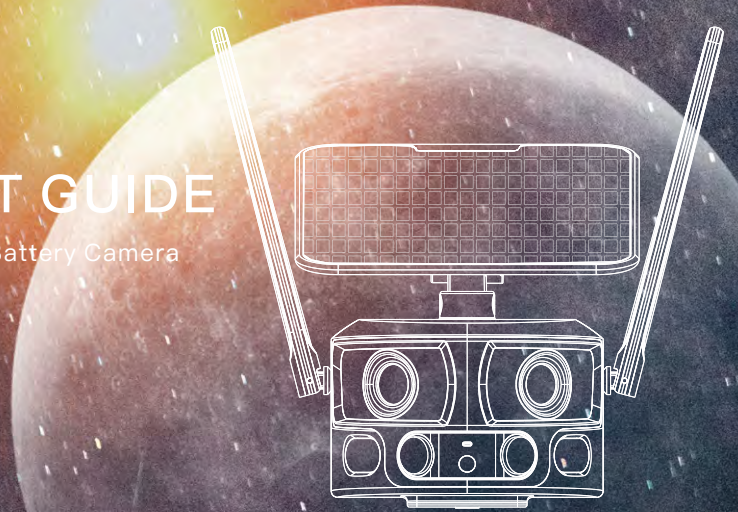
QUICK START GUIDE

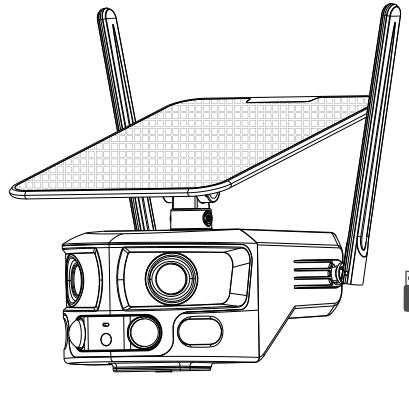
Solar Dual Lens Panoramic Battery Camera
(Ultra Low Power)



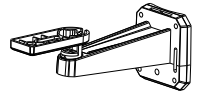
4G

V1.0.3

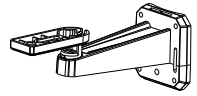
1.What's Included



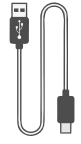
1 Camera



2 Camera Bracket

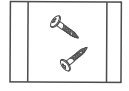


3 Solar Panel Bracket

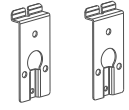


4 TYPE-C Charging Cable

5 Hexagon Wrench

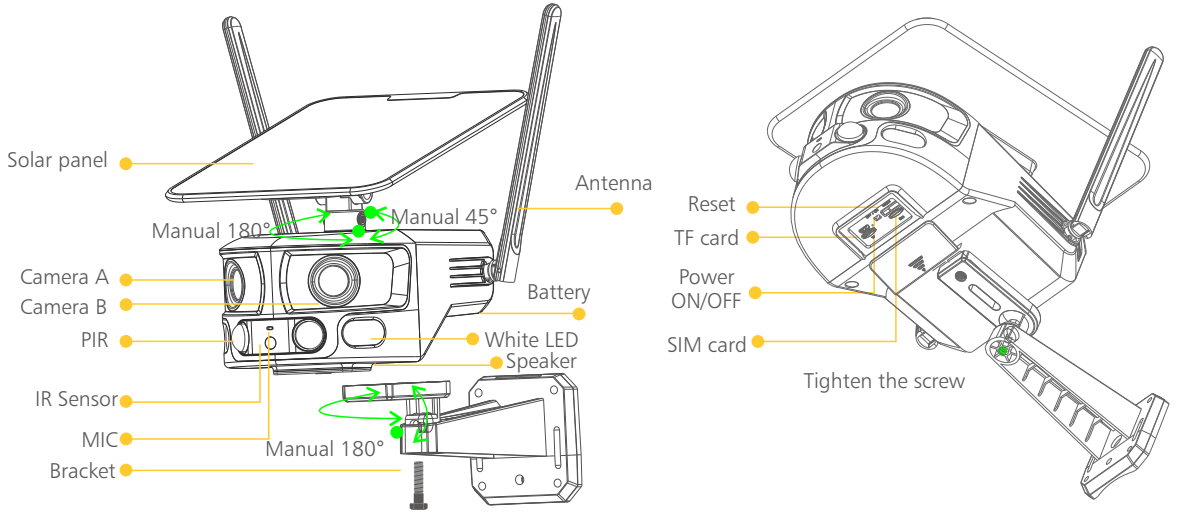


6 Screw Packs



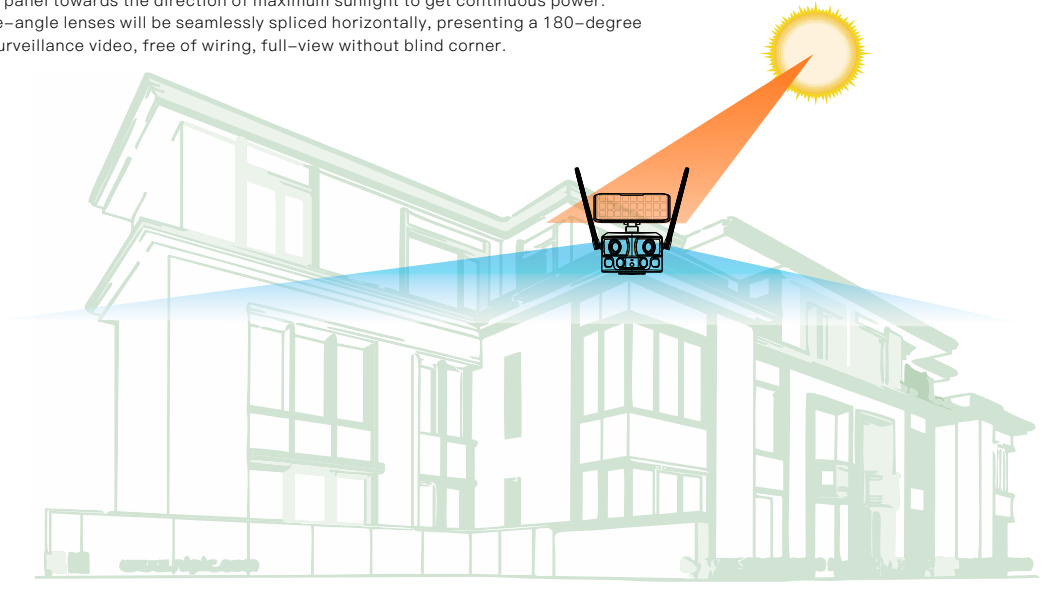
7 Wall-mounted iron

2.Product Overview



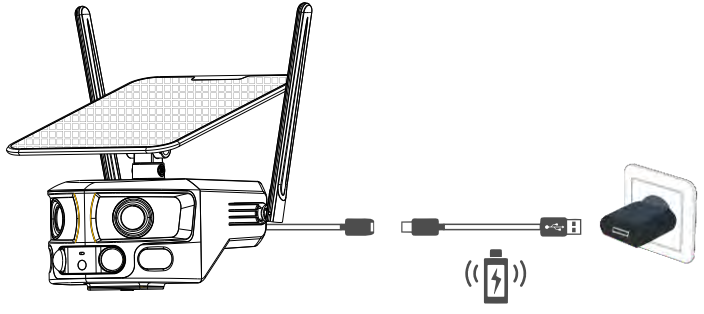
3.Application Scenarios

Put the solar panel towards the direction of maximum sunlight to get continuous power.
The two wide-angle lenses will be seamlessly spliced horizontally, presenting a 180-degree panoramic surveillance video, free of wiring, full-view without blind corner.

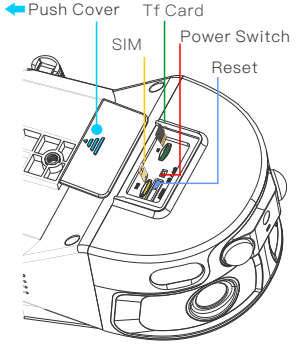


4.Boot Instructions

1 For a better use, charge the camera preferably for 10 hours before use.



2 Connect the solar charging cable, switch on the power, Tapping and holding the reset button for 5 seconds, ready tomatch the network.



5.Download APP & Register

1.Download APP

Download the APP NIVIEW from App Store(IOS devices) or Google Play(Android device).

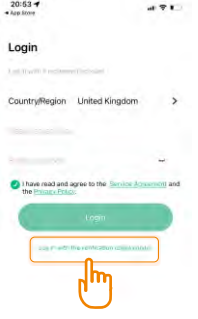
APP.NICEVIEWER.COM

Scan the QR code or visit website to download the APP.

2. Register

To better user experience and equipment protection, we suggest that first-time user choose verification code mode to register, use Email to register your account by APP and set the password for your confidentiality.

Account and password to login.



6.Configuration and Addition of WiFi Devices

3. Add Camera

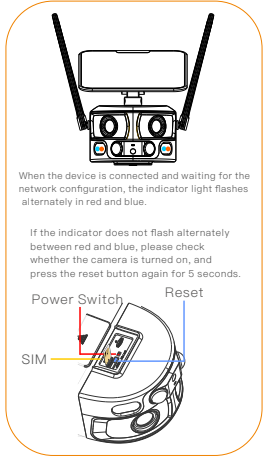
Run the app, click the upper right corner "⊕" to add.

4. Choose Network Type

Select the 4G option on the Right.

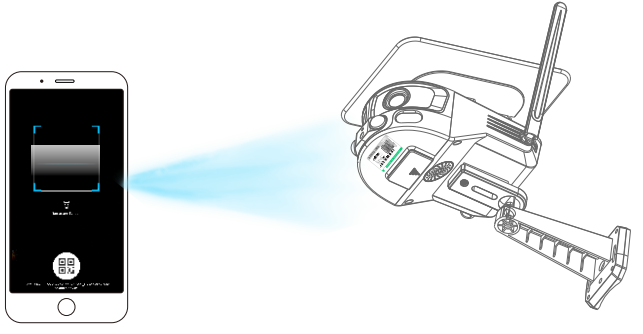
5. Confirm Camera Status

Follow the prompts to determine whether the indicator light on the front of the camera is flashing alternately in red and blue. If the indicator light flashes red and blue alternately, just click "To connect".



6.Scan QR code to Add Devices

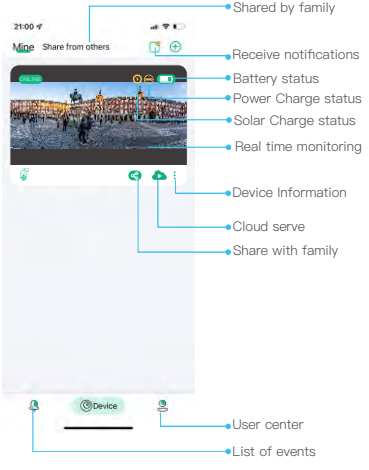
Scan the QR code of the camera body, and click "connect" after hearing the mobile phone scan prompt voice. The APP and the camera will be automatically connected to network.



7.APP Homepage Instructions

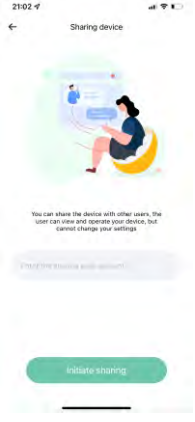
7.Homepage Function

Introduction of camera's functions in the home page.



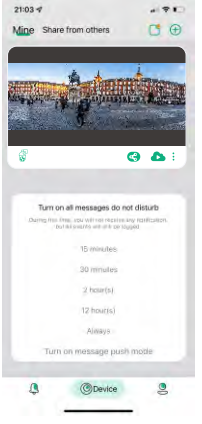
8.Sharing Function

After your family has registered the account, click to share with them.



9.Do not Disturb Mode

At the top of the page Enter the Do Not Disturb mode setting. When PIR is triggered, you will get the notifications in the real time. If you do not want to receive notifications, you can turn on Do Not Disturb mode.



10.Viewing the Event List

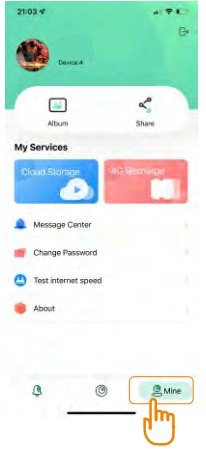
Click "Event"at the bottom of the page to enter the event list to view the alarm list of the device.

11.Cloud Storage Service

Click at the homepage to purchase the cloud storage packages.

12.Manage Account Information

Click "Mine" at the bottom of the page to enter the APP page, you can modify the login password and manage all functions.



8.Real-time Monitoring and Play back

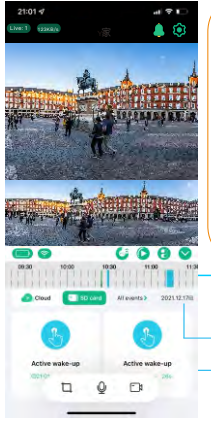
13.Real-time Monitoring

Click the screen on the homepage to access real-time monitoring

Finger Tracking Function:
Click anywhere on the wide-angle screen above, and the close-focus monitor below will respond and display the detailed monitoring.

14.Video Playback of Memory Card

Click the video playback button on the homepage of the pull-up control menu to enter playback, select memory card playback.



1.The TF card is installed in the back cover
2.Insertion direction is contact points upward
3.If the card is inserted, but there is no videos, please enter the storage settings to format the memory card

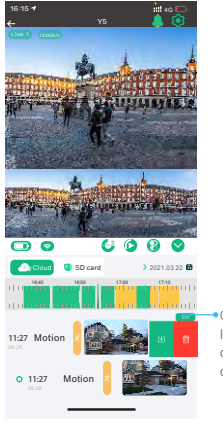
Select the playback time, you can adjust the precision of the time axis.

Playback date selection

Recording event list

15.Video Playback of Cloud Storage

Click the video playback button on the homepage of the pull-up control menu to enter playback, select cloud storage playback.

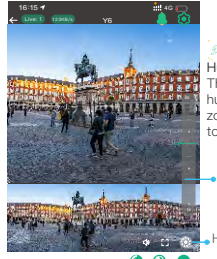


Click edit or swipe left to download or delete cloud storage data.

9.Control Instructions

16.PTZ Control

Click the pull-up menu to enter the control page, Click the to control the PTZ camera.



Humanoid tracking function:
The camera will adopt intelligent human-shaped tracking and zooming in, then displayed at the top of the screen..

Zoom Bar

Hidden Zoom Bar

Pan/Tilt rotation control

Digital zoom

Screen recording

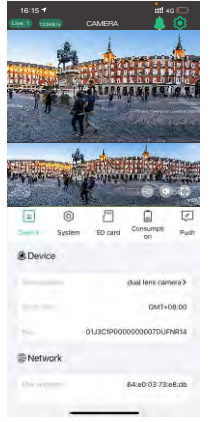
Screen shot

Real-time intercom

Human Auto Tracking

17. Device Information

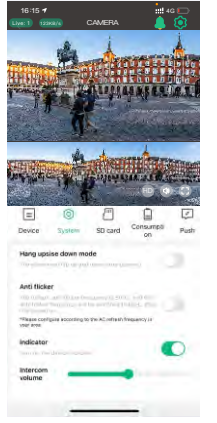
Click to enter device information, check firmware version and upgrade.



18.System Settings

Click to enter the camera quick settings.

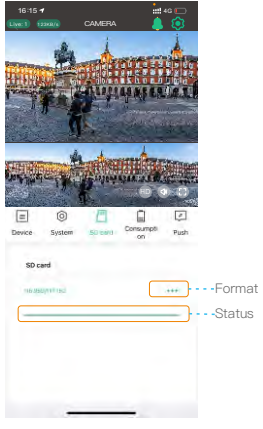
Click to enter system settings, change the camera's display mode and other system settings.



10.System Settings

19.Memory card Settings

Click to enter memory card settings, you can check its usage status and format.



20.Alert Push Settings

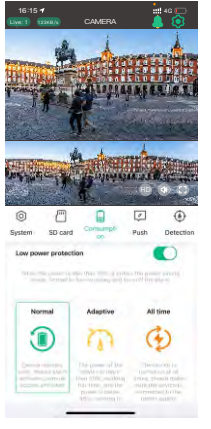
Click to enter the push settings of the camera, select the information to be accepted according to your needs.

21.Detection Settings

Click to enter camera motion detection settings, you can set the sensitivity and detection distance adjustment.

22.Power Consumption

Click to enter power management, select the use mode according to the environment and user needs, which can better manage the use of the battery.



Low power protection:

It is recommended to turn on this function. When the power of the camera is lower than10%, the camera will automatically turn off PIR and other power-consuming functions.

Normal mode:

It is the most energy-saving and efficient working mode. When the mobile phone is not remotely monitored, the camera is in standby mode. When a human body passes by, it will automatically activate the alarm and video record and push to the mobile APP at the same time.

Adaptive mode:

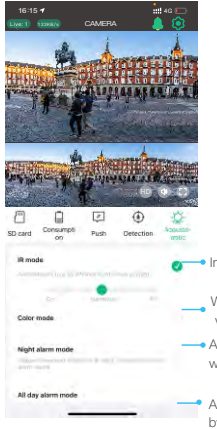
When the power is more than 50%,it will start recording at full time. If lower than 45%, it will work on standby.

All time mode:

The camera is working at all times, please make sure to connect the power supply to charge in this mode.

23.Sound & light settings

Click to enter camera sound and light settings, setting working mode of infrared led, white lights and alarm.



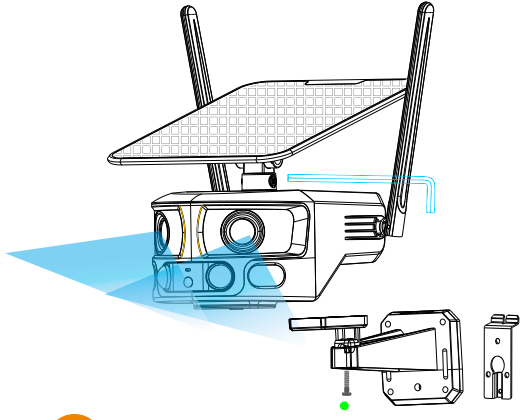
Infrared leds control

White lights are on at night, camera video is full color.

At night, when human passes by, the white lights flash and sound alarm.

All day alarm mode, when human passes by, the white lights flash and sound alarm.

11.Wall Mounted Installation Instructions

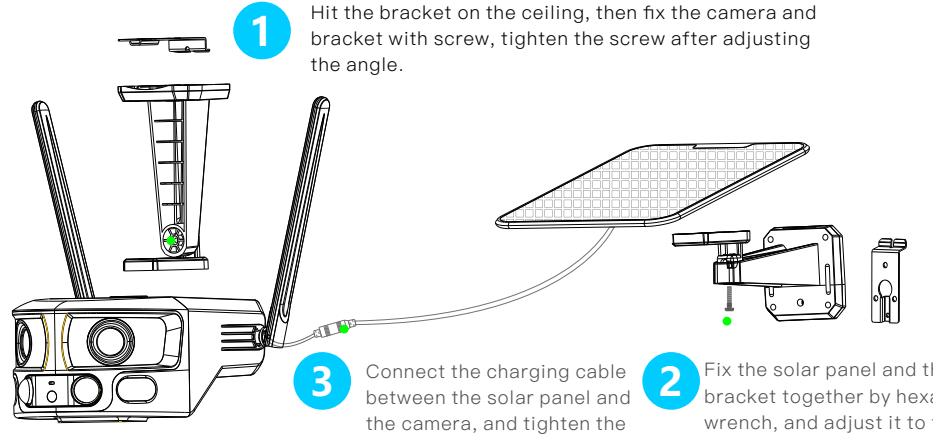


2 Fix the solar panel and the bracket together by hexagonal wrench, and adjust it to the maximum sunlight orientation according to the installation environment.

1 Hit the bracket on the wall, then fix the camera and bracket with screw, tighten the screw after adjusting the angle.

! The image stitching node of the dual lens is 2.5 meters away from the camera, Please pay attention when installing.

12.Ceiling Mounted Installation Instructions



1 Hit the bracket on the ceiling, then fix the camera and bracket with screw, tighten the screw after adjusting the angle.

3 Connect the charging cable between the solar panel and the camera, and tighten the waterproof cover.

2 Fix the solar panel and the bracket together by hexagonal wrench, and adjust it to the maximum sunlight orientation according to the installation environment.

14.Technical Analysis

1. Q: Will the camera show red lights when night vision is activated?
A: The built-in infrared leds make the camera only show some dim red lights when night vision is activated, but the image quality is still clear under no light environment.

2. Q: What is the longest recording time?
A: The camera has three working modes.The default mode is low power consumption mode. When someone passes by, the camera will automatically start recording for 15 seconds. When the person is in the monitoring range, the camera will keep recording.
The built-in battery of the camera can work for 6000 wake-ups, and the solar energy supplements 250 wake-ups per hour. In theory, it can be used all the time. The second mode is the adaptive mode. When the battery is above 50%, the camera will record 24 hours. When the power is below 45%, the low-power working mode is turned on. When someone passes by, the camera will automatically start recording for 15 seconds. When the person is in the monitoring range, the camera will keep recording. The third mode is the full-time mode. In this mode, a continuous power supply is required. At full power, if there is no power supply, it can only work for 36 hours.

3. Q:How to check the video playback?
A: Click the video playback button on the homepage of the pull-up control menu ,select memory card playback or cloud storage playback.

4. Q: What will happen when the memory card runs out of space?
A:The oldest footage will be overwritten by the latest one. Please back up the important videos timely or delete the unnecessary videos to release more space. Alternatively, you can subscribe to a cloud plan.

5. Q: How many cameras can I connect to the same account?
A: You can add 50 cameras, but we recommend adding up to 10 devices for a better experience.

6. Q: Why can't I receive the push notifications on the mobile device?
A: Make sure you have allowed NiView App to push notifications to your mobile device.

7. Q: How many accounts can a camera share with?
A: 8 accounts

About batteries and solar power

This camera adopts advanced low-power technology. If no motion is detected, the camera will enter sleep mode. After being fully charged, if the camera contains a 20000mAh battery, it can be awakened 6000 times by detecting human movement. If it works for 15 seconds at a time and is charged by solar energy, when the sun is full, the replenished power can be used for 300 wake-ups per hour.

Tips:
If the camera is woken up frequently or detects the movements of human body for many times, the power of the camera will be consumed quickly. Charging the camera regularly is recommended. The battery in the camera can be charged for 500 times. If we charge the camera once a week, the life span of the battery can extend more than 9 years.

15.4G Technical Analysis

The recommended operating temperature of the camera is 14℉~122℉(−10℃~50℃). Battery performance may drop at low temperatures. At −4℉(−20℃), the battery may drain in short time, or even may not charge. It will work normally as the temperature rises.

About 4G

Our equipment in different countries will be adapted to the 4G version according to each country. The BAND specifications corresponding to each version is as follows.

Region	Frequency Bands
CHINA	Support China Telecom China Mobile China Unicom LTE FDD:B1/B3/B5/B8 LTE TDD:B34/B38/B39/B40/B41 WCDMA:B1/B5/B8
Europe	FDD:B1/3/5/7/8/20 TDD:B38/40/41 WCDMA:B1/5/8 GSM:850/900/1800Mhz
North America	FDD:B2/4/5/12/13/17/66/71 WCDMA:B2/4/5
Japan	FDD:B1/3/8/11/18/19/21/26/28 TDD:B41 WCDMA:B1/6/8/19
Latin America	FDD:B1/2/3/4/5/7/8/28/66 TDD:B38/40 WCDMA:B1/2/5/8 GSM:850/900/1800/1900Mhz
Europe Australia	FDD:B1/3/5/7/8/20/28 TDD:B38/40/41 WCDMA:B1/5/8 GSM:850/900/1800Mhz

FCC Warning Statement

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

FCC Radiation Exposure Statement

The antennas used for this transmitter must be installed to provide a separation distance of at least 20 cm from all persons and must not be co-located for operating in conjunction with any other antenna or transmitter.

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.