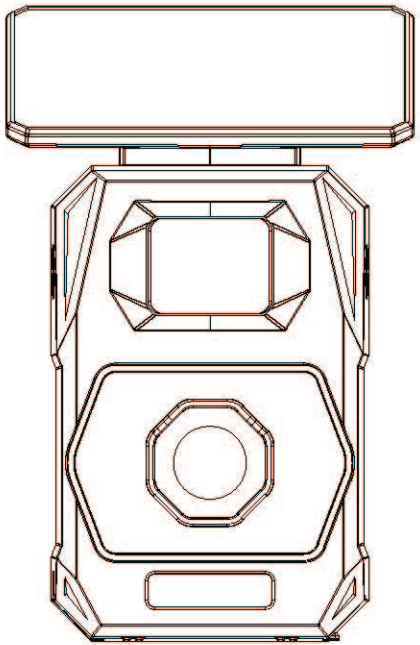
PH970S
Trail Camera



Instruction Manual

Please activate 1-year warranty

Email	**support@viptrailcam.com**
Subject	**PH970S SD card reader**
Amazon order ID or Invoice	

Activation of warranty within 7 days to get a SD card reader, First come first served

Why you need to activate?

In case you meet the following issues

- Don't know how to contact customer services if any problems
- **Request a return or refund but Amazon return window is closed**
- Other reasonable situations

You will get the following benefits after activating the warranty (Limited time: 7 days)

- Professional customer service & quick guide video
- Refund or replace without returning the item
- **To be VIP customer to get VIP free benefits**

Download TrailCam Go Mobile APP

Android

iPhone

Before using the Trail Camera, please download the 'TrailCam Go' APP.

TrailCam Go

Note:

1. Remove all package materials before first-time use.
2. **Caution!** To avoid the danger of suffocation, keep package materials away from babies and children.

BASIC SETUP

To set up your camera quickly,
please watch the video via the link below:

Youtube:**https://youtu.be/wIV8cWpJRLs**

Or scan the QR code:

SCAN ME

If you need more video on how to use it please contact us with your order ID

Email: support@viptrailcam.com

English

Warranty

1. Important Note····· 03

2. Camera Operation ·····04

3. Wi-Fi Connection····· 05-10

4. Setting up Your Camera in the App ····· 11-18

5. Important Notes on APP Wi-Fi Connectinon ·····18-19

6. Reference Set ····· 20

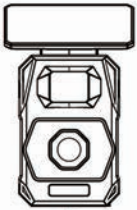
7. Ways of Playback Recorded Files ·····20-21

8. Precautions for Use ·····22-23

9. FAQ·····23-26

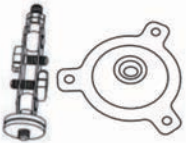
10. Technical Specifications ·····26-27

Package Contents



①

②



③

④

⑤

⑥

⑦

① 1x Solar Trail Camera

② 1x Type-C Cable

③ 1x Stand Mount & Stand Support & 3x Bolts & Stoppers

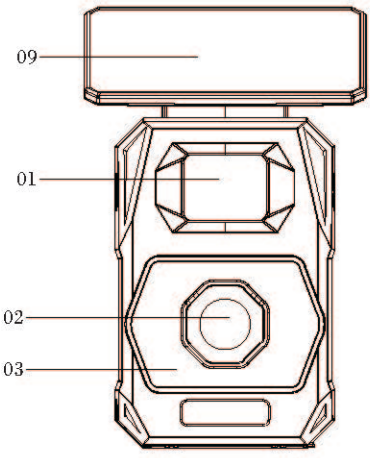
④ 1x Installation Belt

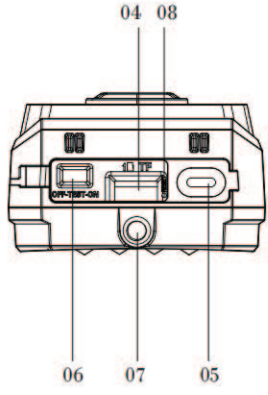
⑤ 1x User Guide

⑥ 1x 32GB Micro SD card (in the camera)

⑦ 1*Gift (contact support@viptrailcam.com)

Product Diagram





01. PIR motion sensor	02. Len	03. Infrared LEDs
04. Micro SD card	05. Type-C slot	06. Mode switch
07. Fixaton port	08. Reset eyelet	09. Solar panel

1.Important Note

There are some important notes about the battery& solar panel, Micro SD card, and WiFi connection you should know before you begin learni ng how to use your trail camera.

1.1 About the Built-in Battery & Solar Panel

1. Before your first use, charge the built-in rechargeable battery with a USB cable (included) and a 5V 1A wall outlet charger (not included) about 6-8hours.
2. The blue light is illuminated when charging. You can check the battery level in t he TrailCam Go App.
3. The charging efficiency of the solar panel is related to the intensity of sunlight, the duration of sunlight exposure, and the ambient temperature.

(To ensure that the interface is waterproof, our interfaced debugging is relatively tight, please fully insert type-C charging port as possible)

1.2. About SD Card

1. Be sure to use a standard Micro SDXC/SDHC card (maximum supported capacity: 256GB,Class 10) for data storage. Before use, please format your Micro SD card in the camera in case it may not work with the camera.
2. Switch off the camera before inserting or removing the Micro SD card. Insert the Micro SD card in to the card slot until you hear a click. To remove the Micro SD card, gently push in the card to release.

1.3 About APP Wi-Fi Connection

1. The PH970S solar trail camera features built-in WiFi and Bluetooth modules. Instead of connecting to your home WiFi, the camera creates its own WiFi network. The Bluetooth acts as a key to activate the WiFi functionality.
2. The app's connection distance to the camera depends on the environment. In an open space with no major obstacles, the camera can effectively connect to the app up to a distance of 50 meters.

2.Camera Operation

Power/ Mode Switch

Power/ Mode switch has 3 operational modes: "OFF", "ON", and "TEST".

Power/ Mode Switch	Functions
"OFF" Mode	1. Camera OFF 2. Insert/pull out a Micro SD card 3. Connect to an external device or a power source
"TEST" Mode	1. Set up the camera 2. Only manual shooting 3. Connect the mobile phone to view pictures 4. The blue light will stay on, and if an object is detected, the red light will flash briefly. In this mode, the camera will not automatically take pictures or record, it is only used to check whether the camera's IR-CUT is normal.
"ON" Mode	1. Work mode. 2. After the blue light flashes about 10 times, it starts detecting motion. 3. Can connect to mobile phone to set camera and view pictures.

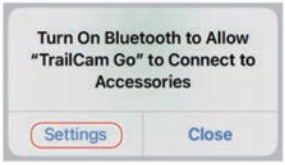
3.Wi-Fi Connection

3.1 Download 'TrailCam Go' Mobile APP

To use the Wi-Fi feature, please download the 'TrailCam Go' app first.

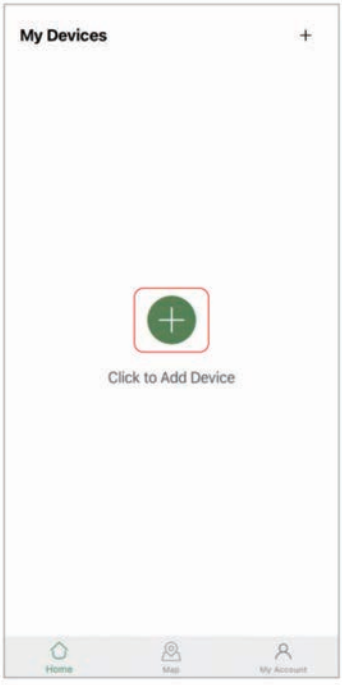
3.2 Adding Your Camera

1. Open the App, turn on Bluetooth and WLAN on your phone, and Always select Allow/OK for permission options.



2. Ensure your camera is in "TEST" or "ON" mode. For a stable connection, please stay within 16 meters (55 feet) of your camera.

3. Click "+" to add your camera, and select "Wi-Fi Camera". (Selecting "4G Camera" may incur an extra charge.)



4. Follow the App's prompts to connect the camera.

①

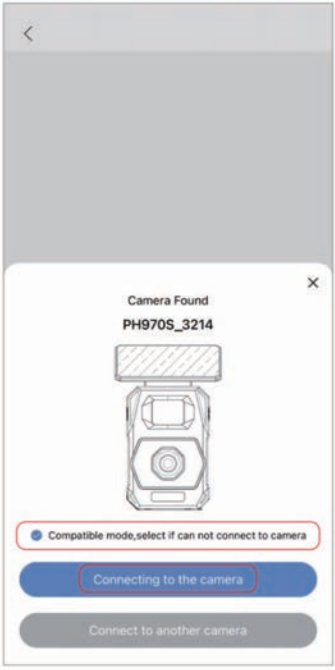
②

③

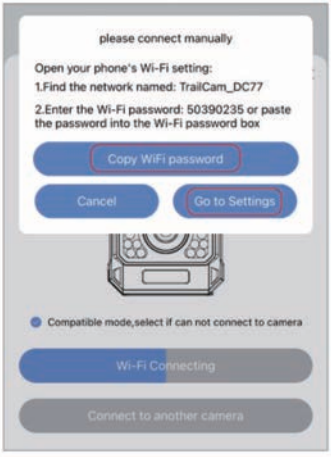
④

Compatible Mode:

If your phone cannot connect to the camera, follow the steps below to use "Compatible mode" in the App.



① Select "Compatible mode", and click "Connecting the camera".



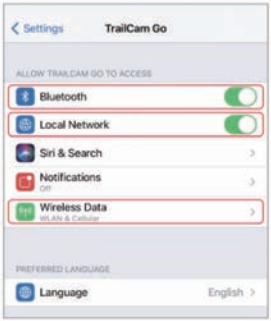
② Click "Copy WiFi password", then click "Go to settings"

③Go to Settings >WLAN, and search for the network named "TrailCam_XXXX". Paste the password and connect. Once the network is connected, switch back to the App

5.When the camera wifi is connected successfully, you can set the name of your camera.

Note:

To connect to the camera successfully, please ensure that TrailCam Go can access your Bluetooth, Local Network, and Wireless Data.



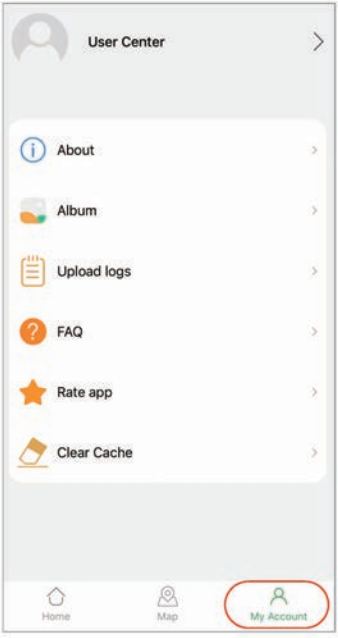
If you have any further problems or need any help, please send an email to us at **support@viptrailcam.com** We will get back to you within 1 business day.

If the camera requires a password to enter, please use "0000".

4. Setting up Your Camera in the App

4.1 About "My Account"

You do not need to register an account when using the TrailCamGo App. TrailCam Go allows 2 persons to use it at the same time. On the "My Account" page, you can read the "User Agreement" and "Privacy Policy"(Click"About"), review/delete/share the camera photos and videos stored on your phone(Click"Album") Click FAQ to check the troubleshooting rate the app and clear cache when connected to your camera.



4.2 About"Map"

After adding the camera, you can mark where you put the trail camera in the map(Click "Map", then allow the App to use your location). When your phone enters the map, it can navigate to the location of the camera for you.

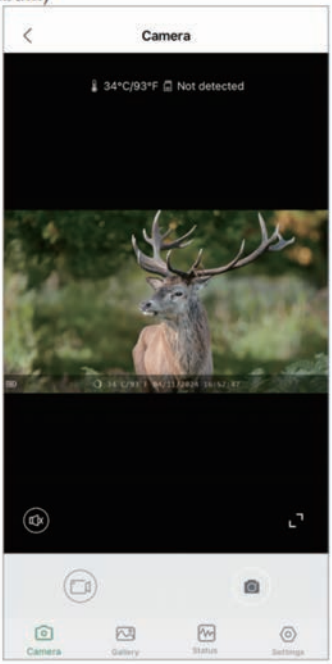
However, the App does not have a GPS function, so be careful if someone takes your camera away.

4.3 About"Home"

Click the PH970S (your camera name) on the "Home" page, it will bring up the following 4 pages:

•*Camera:*

The app will require you to reconnect the camera. Click"⊙"to start recording videos, and click again to stop. Click"◉"to take photos. (Note: the camera will not automatically shoot when connected to your phone. Files taken manually will be saved in the your phone's album)

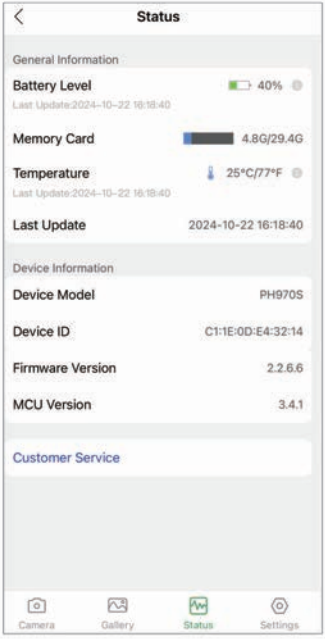


•*Gallery:*

Review, download, and delete photos and videos stored on the Micro SD card or your phone. When you need to save photos or videos on your phone, please allow the app to access your phone.

•*Status:*

View the camera's general information, device information, instructional video, and customer service information. If you need to see the latest information, please reconnect the camera.

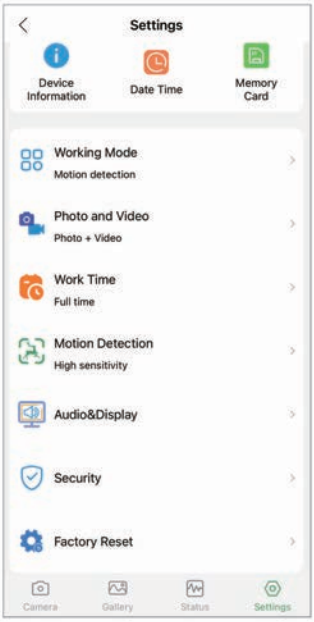


Customer Service:

If you need any help or activate the warranty, please send an email to us at **support@viptrailcam.com** with your order ID, and we will get back to you within 1 business day.

•*Settings:*

You can change the settings of your camera on the phone.



Device Information: View the general information of the camera.

Date Time: Set the time and date of your camera, including Sync Time, Date Format (DD/MM/YYYY, MM/DD/YYYY, or YYYY/MM/DD), and Time Format: (12-, or 24-Hour).

Memory Card: Format the Micro SD card, enable or disable Loop recording

Working Mode: Choose a mode from Motion detection or Timed capture, or Time-lapse photography and set its detection or capture interval.

Timed capture: In this mode, the camera captures images automatically according to the time interval you've set. For instance, if you set an interval of 1 hour, the camera will take a photo or video (based on your chosen"Photo or Video" setting)every hour.

Time-lapse photography: In this mode, the camera captures images automatically according to the time interval you've set. For instance, if you set 1 hour, the camera will take a photo every hour. These images are then converted into a continuous movie clip.

Photos and Videos: Select Photo, Video or Photo and Video, you can also set resolution for photos and videos, photo burst, video length, and audio recording.

Work Time: Set a specific working time for your camera.

Motion Detection: Set PIR Sensitivity, DetectionInterval, and Motion Detection Filter of the camera. Turn on the Motion Detection Filter, you can customize the desired detection area.

Audio&Display: Adjust Mic volume, turn on/off Watermark, turn on/off Wi-Fi LED. After turning it off, the blue light won't blink when the app is connected to the camera.

Security: Set an App access password, please reset to factory mode if you forget the password. If the camera requires a password to enter, please use "0000".

Factory Reset: Reset all parameters to factory default settings.

5. Important Notes on APP Wi-Fi Connection

No.	Notes
1	When the APP is connected to the camera, the camera cannot detect motion for shooting and can only shoot manually. After exiting the APP, wait for about 20 seconds and the camera will resume automatically detecting motion shooting (ON Mode).

No.	Notes
2	Test Mode can detect whether the camera is working properly: the blue light is always on, and after 20 seconds, the red light will flash when detecting motion, indicating that the camera can detect motion normally.
3	The connection between the mobile phone and the camera may fail due to distance or obstructions. Please restart the APP, restart the camera, and connect the mobile phone and the camera again when they are close to each other.
4	The battery consumption of the camera depends on the settings of the camera and the usage time of the camera connected to the phone. The camera consumes power faster when the phone is connected to the camera.
5	When you share photos, the camera will be automatically disconnected. You will need to reconnect to continue viewing camera photos after sharing.
6	When you access the map, the camera will be automatically disconnected, and you need to reconnect when you re-enter the camera.

6.Reference SET

1. Format Micro SD card at first
2. Photo+Video: 20s video+ 2 photos
3. Photo resolution: 20MP
4. Video resolution: 1080p
5. Detection Interval:20s
6. PIR sensitivity:Medium

The time will be synchronized after the camera is connected to the phone

7 .Ways of Playback Recorded Files

You can access your recorded media through the app or by connecting the camera to your PC:

(1)Via the App

1. Connect the camera and your phone using the app(recommended within a distance of 55ft for faster connection).

2. On the Home page, select "My Devices" window to access the operating page and then choose "Gallery" to view the videos and photos captured by the camera.

(2)Connecting to a PC

1. Connect the camera to the computer using the supplied Type C USB cable.

2. Open "My Computer" or " Windows Explorer" , a "UDisk" will appear in the drive list. Double-click the "UDisk" icon to access its contents

3.Recorded videos and photos are located in the"DCIM" ->" 100MEDIA" folder.

4. Download photos and videos to your computer.

Notes:

If your computer's USB driver doesn't recognize the camera,consider using a card reader to access the files.

(3)Using a Card Reader with the Memory Card

1. Remove the memory card from the camera and insert it into a card reader. Connect the card reader to your computer.

2. "U Disk" will appear in the drive list. Double-click the"U Disk" icon to access its contents.

3. Recorded videos and photos are located in the"DCIM">"100MEDIA"folder.

4. Download photos and videos to your computer.

8. Precautions for Use

Please read all safety notes and helpful tips before using the camera.

Safety Notes

1. The device is only designed for wildlife observation, hunting, and security monitoring. Do not use it for any other purpose.
2. Do not immerse the camera into water.
3. Do not disassemble the camera, please feel free to contact our customer service for help.(support@viptrailcam.com)
4. Do not use the different type of power source, it may result in fire or electric shock.
5. Always disconnect the power supply during a thunderstorm/ a lightning.
6. Never subject the camera display to heavy shocks, which may cause damage to the lens, glass fragments, or injury.

Helpful Tips

1. Place the device on an even surface or a stable stand. If you want to mount the camera on a tree trunk, install it using the premium-quality mounting hardware/ strap designed for this camera.
2. Operate the camera in a well-ventilated area.
3. To prevent damage, never subject the camera to heavy shocks and do not shake or drop it.
4. The device is not intended for use by children. Keep out of the reach of children.

Note:

1. Switch off the camera before inserting or removing the Micro SD Card. Do not insert or remove the SD card when the power switch is in the "ON" position
2. Camera only operates after installing a Micro SD Card

9.FAQ

If your camera does not seem to be functioning properly or if you are having photo/video quality issues, please check if you are using the latest firmware or app (the app is only applicable for the WiFi model), and check the Troubleshooting/FAQ section.

If your unit is still having trouble, please contact us at **support@viptrailcam.com**

Q:The camera cannot charge

A:Check whether the charging port is fully inserted:
To ensure that the interface is waterproof, our interfaced debugging is relatively tight, please fully insert type-C charging ports as possible.You can check the battery level in the TrailCam Go App.
Once your camera is fully charged,please reconnect to the app for the battery level to be refreshed accordingy.

Q:A password is required to enter the APP.

A:(If you have never set a password) Please try using "0000". If that doesn't work, please try inserting a card eject pin into the RESET hole, press and hold for 3 seconds, and try using the "0000" password again.

Q:Video is loading slowly.

A:When you shoot a long video, the file is large and it takes time to load. Please try to keep the camera and the phone closer. You can also download the video and view it. Please also update the latest version of the APP.

Q:The camera has only one video, or the camera takes a lot of useless photos and videos.

A:Please select the mode: Motion detection.When you set the mode to Time-lapse-photography, the camera will combine the photos or videos taken into a complete-video.When you set the mode to Timed capture, In this mode, the camera captures images automatically according to the time interval you've set. For instance, if you set an interval of 1 hour, the camera will take a photo or video(based on your chosen"Photo or Video" setting)every hour.

Q: The camera won't power up

A: If the camera is in TEST mode and the blue light does not light up, please charge the camera and restart the camera. In TEST mode, the blue light of the camera is always on. Indicates that the camera can be turned on. The camera can detect motion only in ON mode.

Q: Cannot connect to mobile phone

Please make sure:

1.Please turn off VPN and anti-virus software first

2.Bluetooth and WiFi of your mobile phone are turned on.

3. The connection distance should be as close as possible (16 meters) without any obstruction.
4. Turn on the usage permissions of the APP in the settings
5. Please update the APP to the latest version
6. Try restarting your phone and camera
7. Your camera is in"TEST" or"ON, mode.

If you you still cannot connect to the camera, please send an email to us at support@viptrailcam.com with your order ID and your phone model. We will glad to help.

Q: The photos at night are completely black or exposed.

A: Please keep the battery fully charged, Connect the camera to the mobile phone, and take photos and videos manually. If there is a problem with the photo or video, adjust the position and see if there is any obstruction in front of the lens, or if there is a light shining directly on the camera, etc. After adjusting the position, the camera shooting screen can be seen through the mobile phone. It is normal, which means you can shoot normally. If you still have problems, please contact us (support@ viptrailcam.com).

Q: Why does my camera keep clicking and how to fix it?

A: The camera makes a constant clicking sound, and this behavior is caused by a component in the camera called IR-CUT, which detects changes in light intensity to switch between color and black & white modes. However, the camera has a light intensity detection threshold, which may cause the camera to switch modes repeatedly when it is in the critical area of light and dark. You can check whether there is an object in front of the camera blocking the lens, or whether the enyironment the camera is in causes the camera to switch shooting modes repeatedly.

10. Technical Specifitions

MAX Photo Resolution	48MP
MAX Video Resolution	1296P
File Format	H.264/JPEG
Lens	f=6,F/NO=1.6,FOV=100°;Auto IR Filter
External Memory	Micro SD Card Up to 256GB
Range of IR Flash	65 Feet (Below 77°F/25°C)
PIR Sensitivity	High/Medium/Low
Temperature Compensation	Yes
Detection Angle	100°
Triggering Time	0.1~0.6 Second
Detection Interval	5 Seconds to 1 Hours, Programmable
Photo Burst	1-5 , Programmable

Video Length	5 Seconds to 10 Minutes,Programmable
Working Mode	Motion detection,Timed capture,and Time-lapse photography
Work Time	00:00 to 23:59 , Programmable
Stamps	Moon phase,temperature,date,and time
Capture Mode	Color Images / Videos during Daytime; B&W Images / Videos at Night
PC Interface	TYPE C USB 2.0
Power Supply	Built-in 5200mAh battery; Also can use Solar Input or Charge TypeC(5V)
Waterproof Rating	IP66
Operating Temperature	-20°C to 60°C (-4°F to 140°F)

Password	4-Digits (Selects from 0 to 9)
Built-in Microphone & Speaker	Yes
Capture Mode	Color Images / Videos during Daytime; B&W Images / Videos at Night
Auto Power Off	Yes , After 2 Minutes of No Operation
Low Battery Auto Power Off /	**support**
PC Interface	TYPE C USB 2.0
Power Supply	**1 X 10000MAH Polymer lithium battery** **5V 2A TYPE-C Power adapter**
Waterproof Rating	IP66
Operating Temperature	-20°C to 60°C (-4°F to 140°F)
Dimensions	5.3"x3.5"x3.0"

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.

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.
NOTE: This device and its antenna(s) must not be co-located or operation in conjunction with any other antenna or transmitter.

The device has been evaluated to meet general RF exposure requirement. The device can be used in portable exposure condition without restriction.