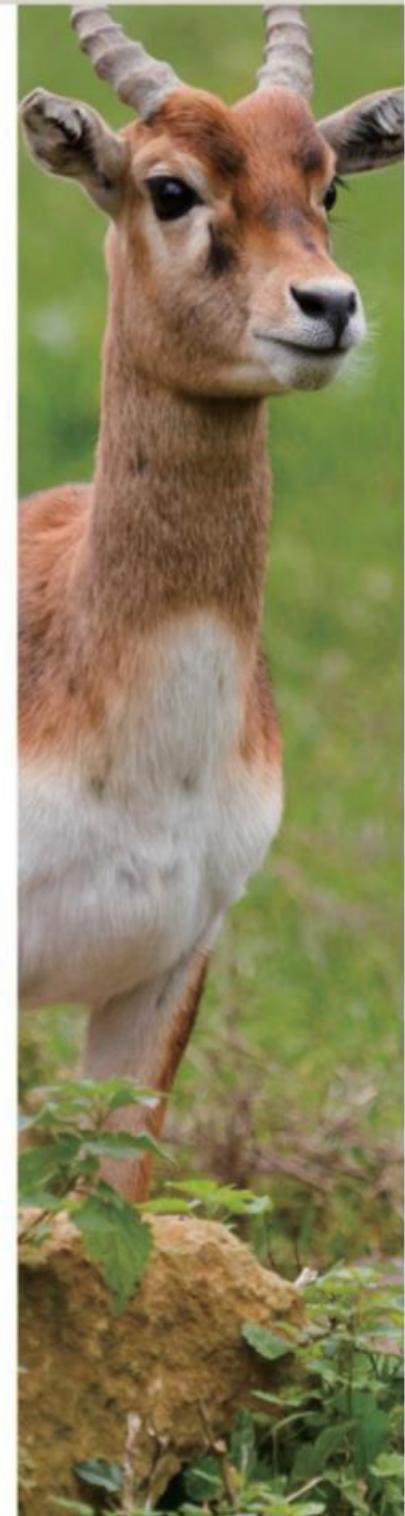


# Instruction Manual

## Cellular APP Trail Camera



iOS TrailCam Go



Andriod TrailCam Go



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# 1 Introduction

## 1.1 General Description

Thank you for choosing our high qualified 4G hunting camera. This camera is a digital Trail camera with 4G communication function. It is an infrared surveillance camera, triggered by any movement of human or animal monitored by a high sensitive Passive Infrared (PIR) motion sensor, and then automatically captures high quality pictures or records video clips . 4G model sends picture instantly to APP. You'll be alerted when the camera is triggered or settings by user.

It is resistant against water and snow. The camera can also be used as a portable digital camera.

## 1.2 Key Features

- A. Programmable 2MP/4MP/8MP/16MP/20MP/24MP/36MP/48MP/60MP high resolution;
- B. Supports video record;
- C. Take color pictures daylight and black white pictures at night;
- D. IR LEDs for flash range as 85ft;
- E. Available operation temperature: -30°C to 70°C;
- F. Build-In 2.4inch high resolution TFT Screen ;
- G. Support standard 6V DC adapter and 12pcs AA batteries;
- H. Extra-long range PIR (More than 85ft);
- I. Adjustable PIR sensitivity;
- J. Support APP cloud with all 4G bands of operators;

## 1.3 Application

This camera can be used as an automatic surveillance device for guarding and recording unexpected intrusion to homes, shops, schools, depots, offices, taxis, work sites, etc. It can also be used as a trail camera for hunting or monitoring animals by recording the traces of wild animals. It can be left alone for weeks and months, and it will save event records automatically in digital format.

This camera can send pictures instantly to the APP via LTE(4G) network. You'll be alerted just when a picture or video has been taken. 4G Model supports the following bands: **Europe:** LTE-FDD: B1/B3/B5/B7/B8/B20; **North America:** LTE-FDD: B2/B4/B5/B12/B13/B66;

## 1.4 Cautions

- The working voltage of the camera is 6~12V. The camera is supplied by the power adapter(DC size is OD3.5\*ID1.35mm) or AA batteries.
- Please install batteries according to shown polarity.
- Please insert the SD card before powering on camera. The camera has no internal memory for saving images or videos. The camera will not work if there is no SD card.
- Please unlock the write-protect switch before inserting the SD card.
- Please do not insert or take out the SD card when the power switch is at ON position.
- When coming into the SETUP mode, allow the camera approximately 10-20 seconds to acquire a signal. **When the cloud symbol change to blue color means network ready.**
- It is recommended to format the SD card by the camera when used for the first time.
- In the SETUP mode, the camera will shut down automatically after 3 minutes without any operation. Please turn on the power again if you want to continue to work with the control.

## 2 Camera Overview and Details

### 2.1 Camera Overview

Take a few moments to familiarize with the camera controls and displays. It is helpful to bookmark this section and refer to it when reading through the rest of the manual.

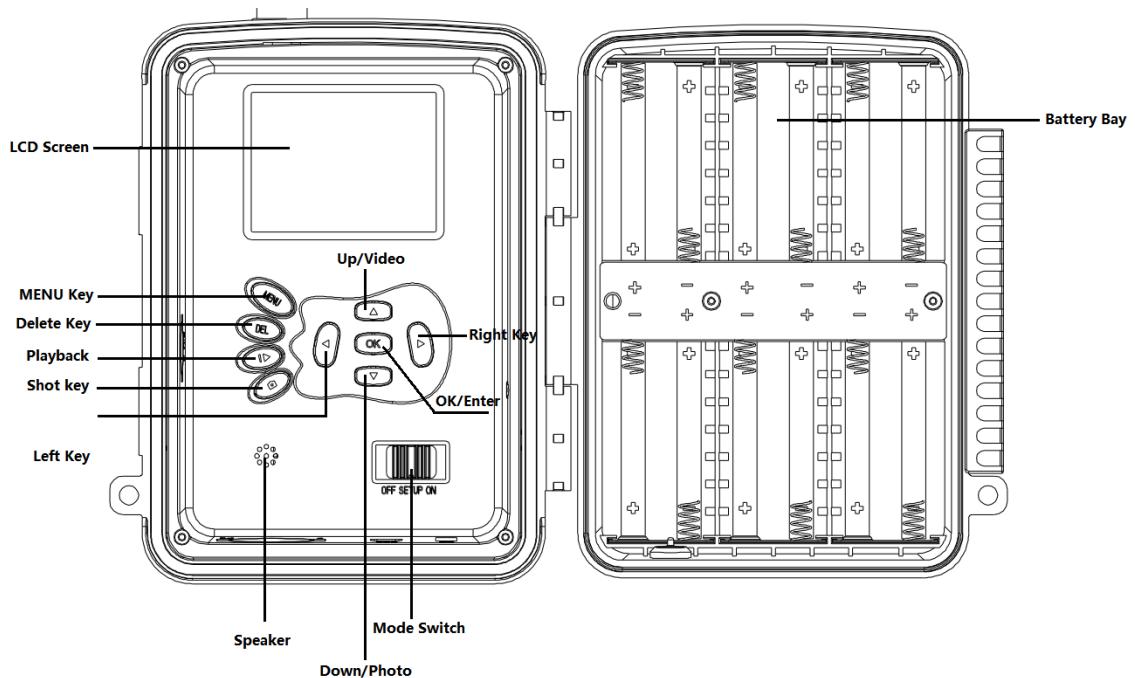


Figure 1 Inner panel view and Diagram of Input Keys

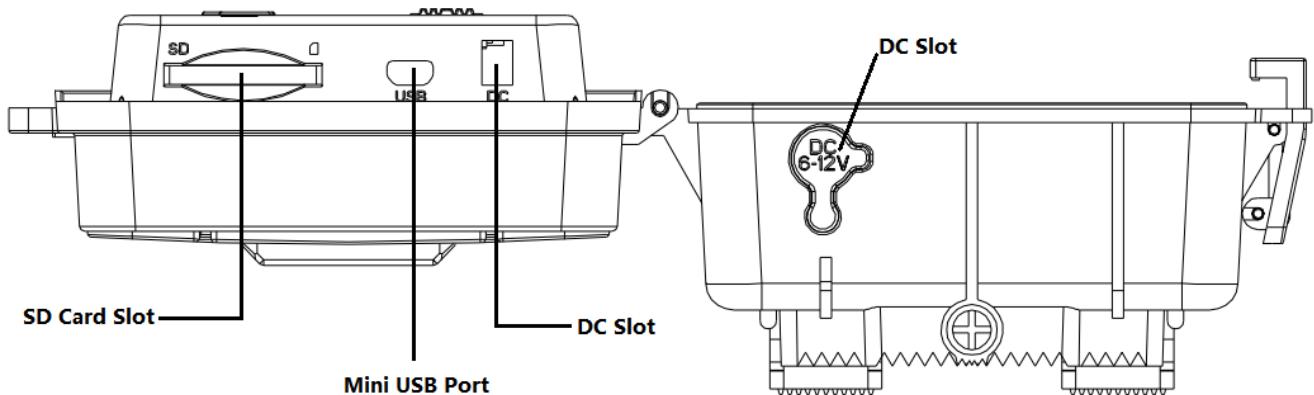


Figure 2 Diagram of camera interfaces

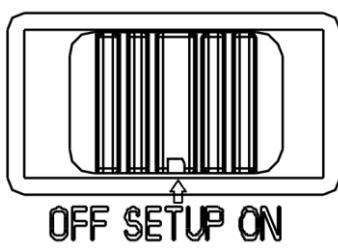
## 2.2 Mode Switch Introduction

**Setup Mode:** Slide the Mode Switch to “SET UP”, then the Camera will enter Set up mode. In this mode, you can program the camera or playback the photos or video clips.

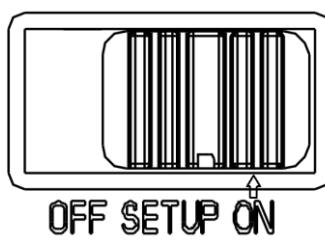
**Hunting(ON) Mode:** Slide the Mode Switch to “ON”, then the Camera will enter hunting mode. In this mode, when animal or human intrudes into the monitoring region, the camera will take pictures or videos automatically according to the previous programmed settings. After switching to “ON” position, the motion indication LED (red) will blink for about 10~30 seconds. So you can put the camera in the correct position during this period.

The camera will connect to the network first, which the maximum time is 90 seconds. No manual controls are needed or possible(the control keys have no effect).The camera will take photos or videos automatically (according to its current parameter settings). If the camera cannot connect to the network, you can check the status of the included SIM card through the SIM card diagnosis on My Account of App.

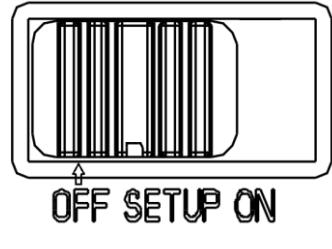
**OFF Mode:** Slide the Mode Switch to “OFF”, then the camera will power off.



Setup Mode

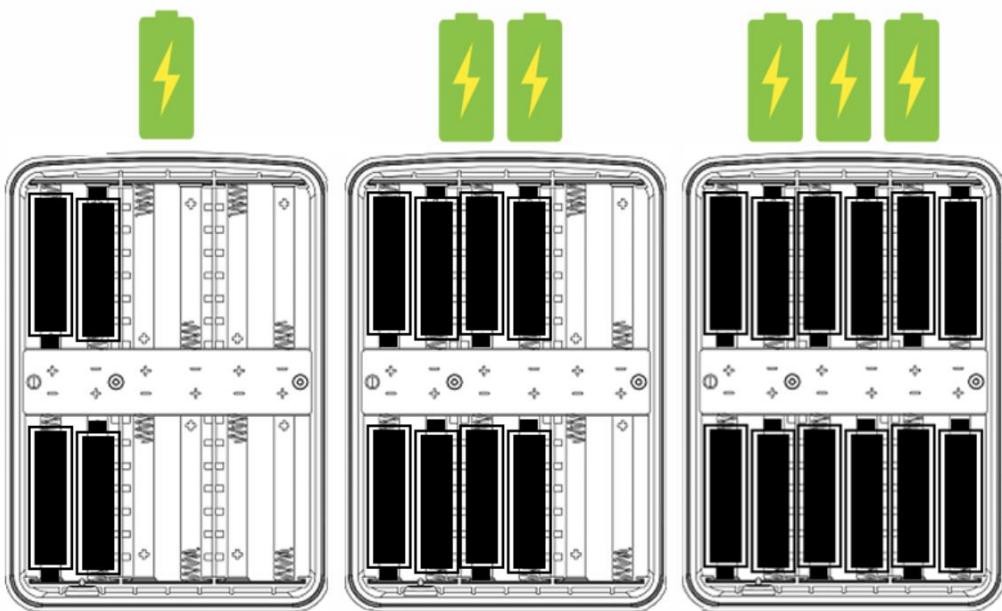


Hunting Mode



OFF Mode

### Battery Loading Way



### 3 Camera General Operations

This chapter explains the general operations for camera settings.

#### 3.1 Power Supply

Use 12 AA batteries. High-density and high-performance alkaline or lithium batteries are recommended.

Also 6~12V external power supply and solar panel are supported. The battery can be just a backup for emergency use (5V support).

In ON mode when battery power level gets low, the message "Low Battery" will show on the screen, please replace the batteries. If the battery indicator shows in RED, the batteries are not good for night vision, however the batteries still work at daytime until "Low Battery". If you want to continue night vision, please replace the batteries. The Battery Level can also be checked in Status on the App. If the Battery Level is 0, it means that there is no power for the camera.

#### 3.2 Insert SD card and SIM card

Insert an unlocked SD card and an available SIM card(SIM card included).

Your camera comes with a SIM card that compatible with your local cellular network. Please make sure the cellular signal is good where your camera is installed. Please don't remove the SIM card.

If you have multiple cameras please don't exchange SIM cards among them.

[You can use your own SIM card, which do not need to buy SIM card data](#)(make sure [your SIM card still has data](#)). Then the Plans will only charge for [Cloud storage](#).

#### 3.3 Preview Information Display

Slide the Mode Switch to “SET UP”, then the Camera will enter Set up mode.

When the camera is enter “SET UP” mode the current settings will be displayed on screen.

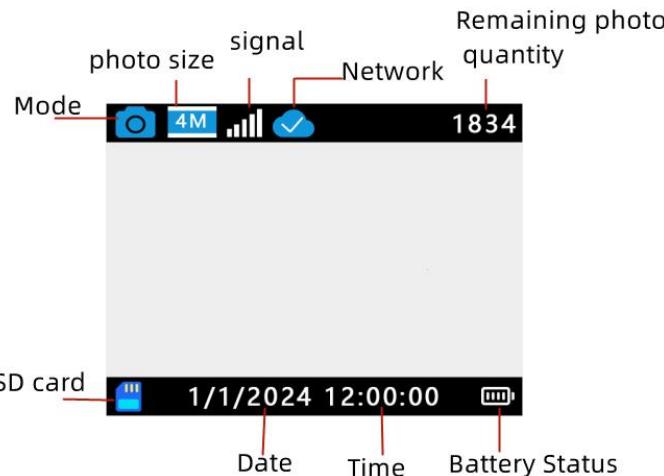


Figure 5 Preview information display



The symbol turn to Blue color indicates the network is ready for bind.

#### 3.4 Settings Menu

Press “ **MENU**” on the keyboard to enter into the menu settings. The settings menu will be shown on the LCD.

Use “**▲**” or “**▼**” key to select the menu item, use “**◀**” or “**▶**” to change different item pages or select the different options, Press “**OK**” to save the settings.

Press the replay button “” to preview the file on the device, press the “**Del**” button to delete the file directly.

Setting Items	Description	
Cellular	You can disable the 4G function here, then it will work as a basic trail camera.	
Cellular info	You can check the ICCID /IMEI info here.	
Camera Mode	There are three camera modes: Motion Detection -Motion detection delay ,Time lapse interval,time lapse video	<b>Default: Motion Detection</b>
Bind APP	Please click this menu to scan the APP QR code to BIND the device.	
Work Time	ON/OFF	<b>Default: OFF</b>
Photo or Video	Photo/Video/Photo+Video	<b>Default: Photo</b>
Photo Quality	2MP/4MP/8MP/16MP/20MP/24MP/32MP/48MP <b>(higher resolution is unavailable when 4G enabled due to costs too much data and time while uploading )</b>	<b>Default:2MP</b>
Video Resolution	4K/2.7K/1080P/720P	<b>Default: 1080P</b>
Photo Burst	1P/2P/3P/4P/5P	<b>Default: 1P</b>
Video Length	5s-10Min Optional	<b>Default: 10s</b>
Audio Recording	ON/OFF	<b>Default: ON</b>
Detection Delay	5s~01Hour	<b>Default:05s</b>
PIR Sensitivity	High/Middle/Low	<b>Default:Middle</b>
Motion Test	This function is for users testing the PIR work or not	<b>Default: Off</b>
Fill Light Distance	Near/Middle/Far	<b>Default: Far</b>
Date&Time	Set time &date --Y/M/D	Time format:24h
Date Format	Date format:Y/M/D	M/D/Y
	<b>Default:Y/M/D</b>	
Time Format	24H/12H	<b>Default:24H</b>
Loop Record	Enable to circular Storage	ON/OFF
Beep Sound	ON/OFF	<b>Default: ON</b>
Format Memory card	Format the SD card. All images and videos in the SD card will be deleted.	max 512GB Class 10 SD card, recommend 32GB or 64GB
Language	12 languages for optional	<b>Default:ENG</b>
Password Protection	ON/OFF	<b>Default:OFF</b>
Factory Reset	Default all settings	
Version	Version information	

## 4 Register account and add device to APP

### 4.1 Download the APP .

Before using the 4G functionality, please download the “**TrailCam Go**” APP in GooglePlay or APP store.



### 4.2 Sign up an account in the APP

Open the APP----My Account----Click to Log in----Sign up----Select your Region---Input your Email address and password to sign up.

The APP will send you an Email to activate your account,please just click”**ACTIVATE MY ACCOUNT**” and then go back to APP to login.

1:48 PM

Click to Log In

About

Album

Rate app

Home

Map

My Account

1:48 PM

Email

Password

Forgot Password

Sign In

Sign up

1:49 PM

Select Region

Current location: China

A

Albania

Algeria

Afghanistan

Argentina

Aruba

Azerbaijan

Andorra

Angola

Anguilla

Antigua and barbuda

Austria

1. Home screen: Shows a 'Click to Log In' button with a red box and a green arrow pointing to the next screen.

2. Login screen: Shows 'Email' and 'Password' fields with a green arrow pointing to the next screen.

3. Region selection screen: Shows a list of countries from A to Z with a green arrow pointing to the next screen.

4. Activation email: Shows an activation link 'ACTIVATE MY ACCOUNT' with a red box and a green arrow pointing to the next screen.

Hi fiona@hkbstcam.com ,

Thanks for creating a TrailCam Go Cloud Account.

Please click the below button to activate your account.

ACTIVATE MY ACCOUNT

\*The activation button is valid for 7 days and needs to be re-registered after 7 days

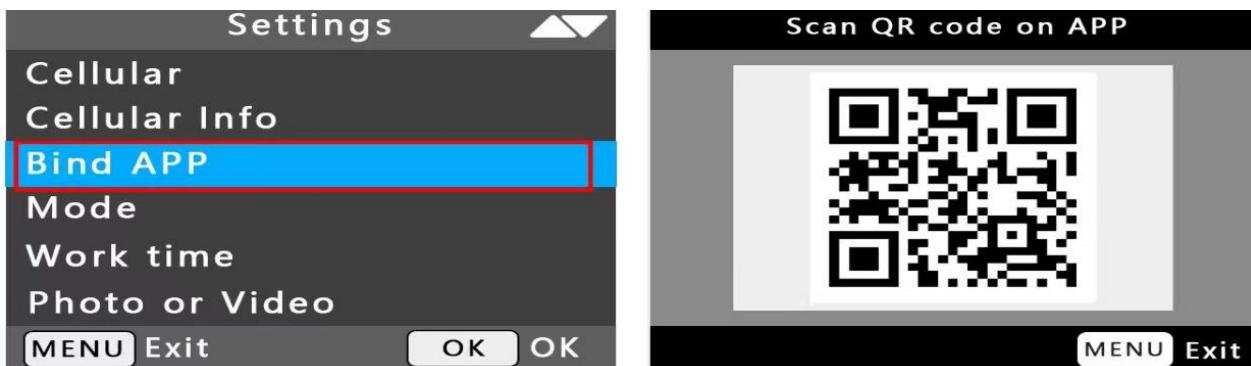
Best Regards,

APP cellular series

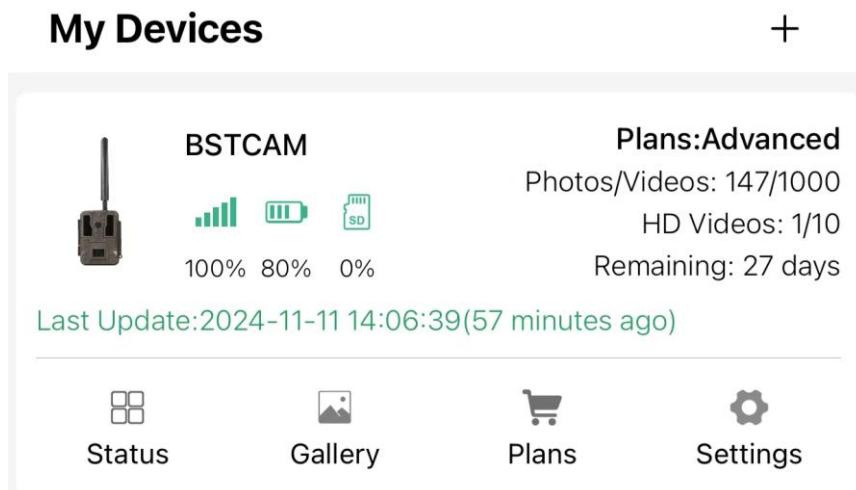
#### 4.2 How to add the device and bind APP.

After login ,please just click the Plus “  ” symbol to add the device.

**APP--4G camera--Direct Add(Common)--Next-Next-Next**(These are the guidance to show how to add the device also)--There is an **QR code** created on the APP--Open the camera menu **Bind APP** to scan the QR code to bind with the APP.



**4.3 Subscription the plans on the APP(supports PayPal and Credit card to pay),then you can start your 4G camera**



#### 4.4 Your device status

Category	Icon	Description
Cellular Signal		No SIM card detected.
		The camera is discovering available cellular network.
		No cellular network service available.
		"4G" indicates the camera is using 4G cellular network, and the white "signal bar" indicates signal strength. <i>Note: In 4G cellular network, the camera can send photos or videos.</i>
		Cellular network is not connected.

Cellular Connection		The camera is not within the cellular network service area.
		Cellular network is successfully connected.
Device Activation		The camera is not activated.
		The camera and the SIM card is unmatched (e.g. the camera has been bound with other SIM card).
		The camera has been activated successfully.

The camera is not a keep-alive device, and the camera actively obtains the Cloud synchronization status at 00:00 local time every day. If your camera does not upload photos or videos for more than 1 day, it indicates that your camera cannot be connected to the Internet or is abnormal.

In the App, once device is activated, the orange bar on the App will turn into a green bar.

## 5.Normal Questions and Advice

### 5.1 The camera can't capture the target

1. Please check the protective film of the PIR Fresnel lens is removed or not.
2. Please check if your SD card is locked.
3. Check the “**PIR Sensitivity**” (PIR sensitivity) parameter setting. For warm environmental conditions, set the Sensor Level to “**LOW**” and for cold weather use, set the sensor for “**HIGH or NORMAL**”.
4. Try to set your camera up in an area where no heat resources are in the camera’s field of view.(Normally need to set with a certain angle)
5. Try to set camera on stable and immovable objects, i.e.: big trees.
6. If human being/animal moves fast, it may move out of the camera’s field of view before photo is taken. Move camera further back or redirect camera.

### 5.2 The camera stops taking images or won't take images

1. Please make sure the batteries power is sufficient(if the camera only can take image at daylight but not at night, this may caused by the battery power is low as night needs more power to capture).
2. Make sure the camera mode switch slide to “**ON**” position.
3. Please format the SD card with the camera before using or when the camera stops taking images.

### 5.3. The APP connection FQA

1. Please near to your device while bind the APP.
2. We have online after sales service on the APP, please just contact us online as soon as you met some problems.



## FCC WARNING

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.

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

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 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.

To maintain compliance with FCC's RF Exposure guidelines, This equipment should be installed and operated with minimum 20cm distance between the radiator and your body: Use only the supplied antenna.