

WASKAME
HUNTING CAMERA
S29AW

We will offer prompt and authoritative reply within 24 hours, and try our best to resolve your problem ASAP. If you are not satisfied with our product, please tell us about your thought. That will be much appreciated.

Download the "Waskame" app to set up your camera to view your photos and videos, remote control settings, and more.

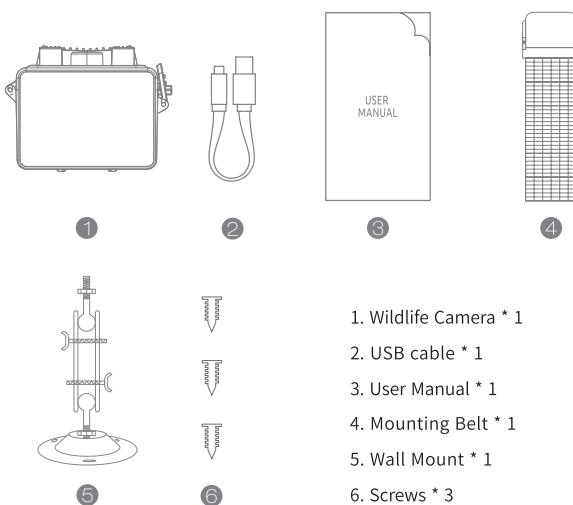


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1. PACKING LIST

Please carefully unpack the camera and check that the following accessories are contained in the box.



1. Wildlife Camera * 1
2. USB cable * 1
3. User Manual * 1
4. Mounting Belt * 1
5. Wall Mount * 1
6. Screws * 3

2. INTRODUCTION

The Wildlife Camera is a wildlife and surveillance camera with an infrared sensor. The sensor can detect sudden changes in external environment and temperature. The signals of the highly sensitive infrared sensor (PIR, Passive infrared sensor) switch on the camera, activating photo or video mode.

2.1 Parameter of Wildlife Camera

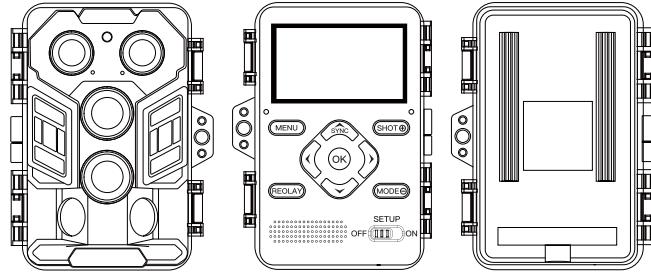
1. CMOS sensor.
2. 2.4" color TFT LCD:320 X 240 Pixels.
3. Full automatic IR filter.
4. Trigger speed: Approx. 0.1 second.
5. Setup Serial No. to record the position.
6. Time, date, temperature and Serial No. will be stamped on the photo
7. Password protection.
8. Power indicating.
9. Built-in test function about environmental temperature.
10. Built-in microphone and speaker.
11. Type-C USB 2.0 interface.
12. Waterproof standard IP66.
13. Working temperature: -20°C to 60°C(-4°F to 140°F).
14. Extremely low power consumption in standby operation provides quite a long operating time.

2.2 Features of Wildlife Camera

- 1.Camera trap for hunting
- 2.Animal or incident observation.
- 3.Motion triggered security camera for domestic, office or public use.
- 4.Any internal and external surveillance.

3. STRUCTURE

Understanding the camera structure helps to use this product more skillfully.



- 3.1 The monitor is only switched on in the SETUP mode for changing menu settings or viewing existing photos and videos.
- 3.2 A SD memory card must have been inserted into the memory card slot to save photos and videos
- 3.3 Using the Type-C USB connection (USB 2.0), Connect the Type-C interface through the adapter 5V 1A or 2A (not included) The connection does not consume dry battery power
- 3.4 Using the mode switch, the three operating modes: OFF, SETUP and ON can be selected.

4. PREPARATION BEFORE USING

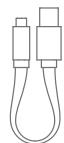


Note:

1. SD memory cards up to a capacity of 128GB are supported.



x1



x1

2. When the Type-CUSB is charged, the dry battery does not consume power

3. Insert CLASS 10 or higher class SD card.

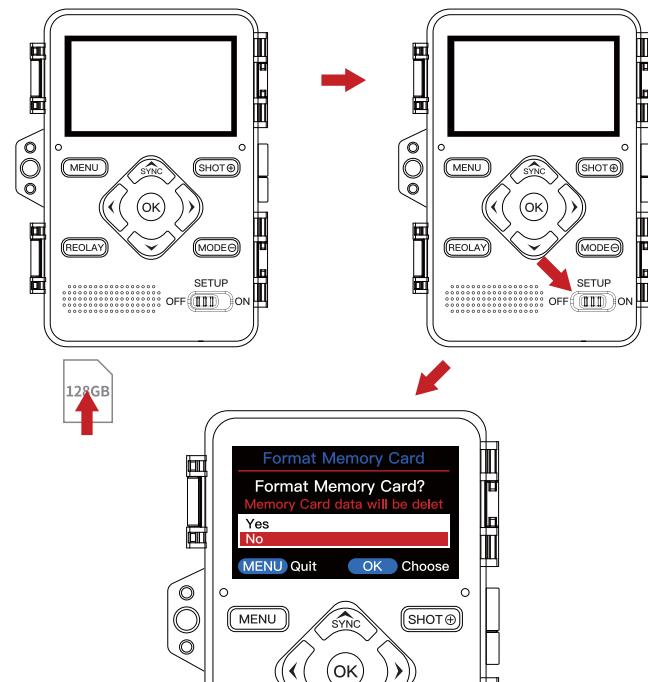
4. New memory card is recommended to be formatted when using (as below described).

5. Please note that the camera will power off when power is very low.

How to start:

Insert an SD card and put the switch to SETUP.

Format the SD card on the menu and do some settings. Then put the switch to ON for recording.



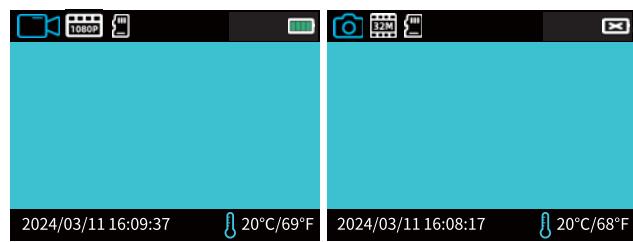


	Photo or video mode icon
	SD card status icon
	Photo or video resolution
	The upper right corner is the symbol of the battery, and there is an X in the symbol for the dry-free battery
	Date and time display.
	Temperature display

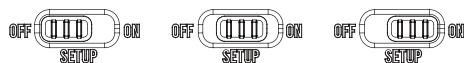
5. USING THE CAMERA AND SETUP MENU

5.1 Using the Camera

Operation Buttons	
Button	Function
	Switch the camera mode between OFF/SETUP/ON.
	1. Press once to enter the menu and again to exit the menu 2. In playback mode, long press the menu button to delete the file.
	1. In setup mode, page up; 2. In playback mode, move file; 3. In setup mode, adjust time.
	1. In setup mode, page down; 2. In playback mode, move file; 3. In setup mode, adjust time.
	1. In setup mode, adjust time.
	1. In setup mode, adjust time.
	1. In setup mode, short press confirm option; 2. In playback mode, video play and pause.
	1. In Photo/video mode, switch to Play mode
	1. Toggle Photo/video mode
	1. Take pictures or start recording

Power Switch

Shift the switch to choose work mode:



The Power Switch is used to control the camera working status.

OFF:

The camera is completely off

Setup:

Under this mode, the camera screen is on, you can manually record video or take photos, you can also review the recorded files or change the setup options according to your own reference. When the camera is in Setup mode, the PIR sensors are on, when they are triggered, the PIR Indicators LED will flash. But in this mode, the camera will not take photos or record video when the PIR sensors are triggered.

In the modified mode, no operation is performed on the device for three minutes. If the device has a card, the device will enter sleep and not work. If there is no card, the device will not sleep

ON:

When the camera is switched from SETUP mode to ON mode, it will enter standby with low power consumption, screen display will turn off and button operation will be disabled. The camera will respond to the PIR sensors only. It will turn on and take photos or record videos when the PIR sensor is triggered, then return to standby afterwards.

5.2 Setup Menu

1. Operating Mode (Low power only take photos without recording video)

Photo, Video, Photo+Video, select whether photos or videos should be taken when motion is detected. When in the "Photo+Video" mode, the camera first takes a set number of photos prior to recording a video.

2. Photo Resolution

Select the desired resolution for photos. A higher resolution produces better photo quality but results in larger files requiring more space on the memory card.

3. Continuous Shooting: 1P, 2P, 3P

4. Video resolution

Select the required video resolution. A higher resolution produces higher quality videos but results in larger files requiring more space on the memory card. Videos are recorded in MP4 format which can be played back on most video devices.

5. Duration Seconds

▲ Default 5 seconds, optional 5S-180S

Specify the duration of a video recording when the camera is triggered automatically.

1.In live mode (ON) at night, the camera will work automatically as per the video length setting. For low power, it will stop recording in advance.

2.Please set the shorter video length to guarantee a long-time usage of batteries.

6. Audio recording

Turn on/off audio recording

7. PIR interval

▲ Defaulted 30S. optional from 5 seconds-60 minutes.

Select the shortest period for the camera to wait before it reacts to the successive triggering of the main sensor after an animal has first been detected. The camera does not record any photos or videos during the selected interval. This prevents the memory card from being filled with unnecessary shots.

1. The shot lag is short, the camera shooting frequency would be high, and there would be the high consumption of power. It would affect the usage days of the batteries.
2. On the opposite, if the shot lag is long, it would be a lower consumption of power to guarantee long-time usage.

8. PIR Sensitivity

1. Select "High" for interior areas and environments with little interference
2. Select "Medium" for exterior areas and environments with a normal amount of interference,
- 3.select "Low" for an environment with a high level of interference.

9. Working Hours

Press "OK", and then select "ON" to set the starting working and ending working time. After finishing the setting, the camera only works during the set time every day. Beyond the period, the camera is on standby.If the start time is, for instance set to 18:35 and the end time to 8:25, the camera will be operational from 6:35 pm of the current day until 8:25 am of the next day. The camera will not be triggered and will not take any photos or videos outside of this period.

10. Time lapse shooting

Press "MENU" to find "Time lapse". Press "OK", then select "ON" to set the time interval, and set the values of Hr, Min and Sec. For example, if the process of flowers blooming has to be recorded, time lapse can be used. The camera automatically takes pictures in every set time interval.

11. Language

Select the desired menu language. The following languages are available: English Simplified Chinese

12. Loop Recording

If you will place this product in the field for a long time and the memory card you have placed is small, you can turn on this function. This function is enabled, when your memory card is full of recorded video and photo files, the newly captured files will overwrite previous files and continue to store after triggering the wild camera again. Default off. The files that are overwritten are based on the earliest video time

13. Date Time

Press "MENU" to find Date Time. Press "OK", then select Set time & date: Set the time and date according to the current time. Press Up/Down button to change the value, press "OK" to confirm changes and move to the next number.

14. Date Format: DD/MM/YY, YY/MM/DD, MM/DD/YY

15. Time Format: 12H/24H

16. Password Protection

Select "Password protection". Press "OK", and then select "ON" to set the password of the camera.

A password is a 4-digit number that can consist of digits and lowercase letters

17. Format memory card

Select to format the memory card card on this camera, we suggest formatting the memory card on the computer and then formatting it on this camera again for first use.

18. Serial Number

Press "OK", and then select "ON" to set the serial number for the camera. You can use a combination of 4 digits. When using several cameras, makes it easier to identify the location when viewing photos.

19. Factory Reset

Select to reset the camera to the default settings.

5.3 Replay mode



Notice:

In playback mode, long press the menu button to delete

Delete

Select the "Delete" option to remove individual or all photos and videos from the memory card thus making storage for new photos and videos.

6. Use of WIFI

This part of the settings is only applicable to WiFi hunting cameras. Before using the WiFi function, please install the APP application on the smartphone device. Please download and install the app by searching "**Waskame**" for the Android system(Google Play) or IOS system(APP store).

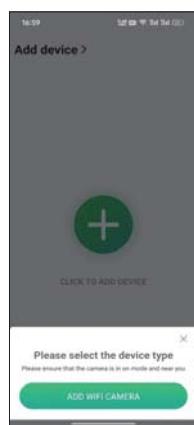


6.1 Connect the Camera

Slide the mode switch of the camera to the SETUP or ON position, and then turn on the mobile phone click the app and click "Add device" as shown in the following figure.



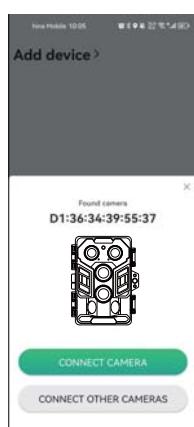
A. Click "ADD DEVICE"



Next show



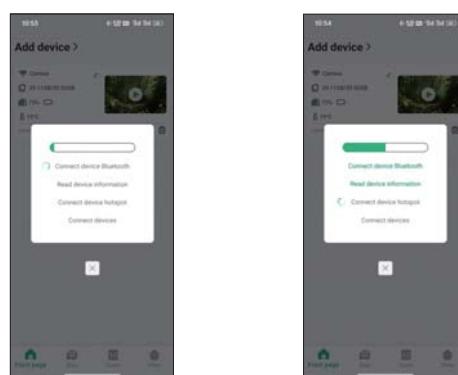
B. Click "CONNECT CAMERA"



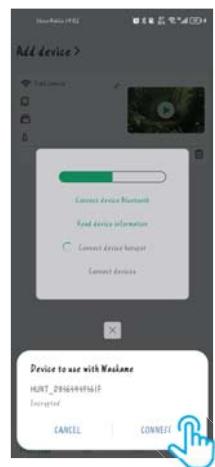
C. After the addition is successful, as shown in the figure below



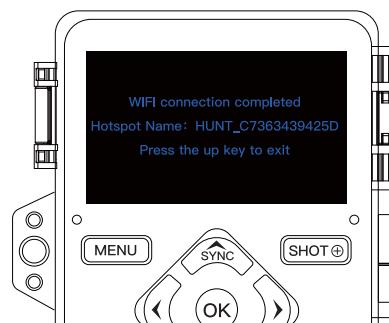
D. Click  , Connect camera WIFI, The process is as follows



E. "Click to connect."



F. When the camera receives the command to turn on WiFi, the hotspot will be opened and connected to the APP

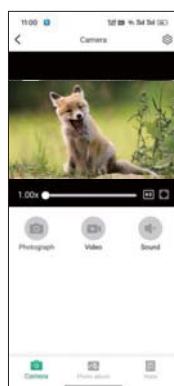


Notes on the functions of icons on the APP main interface

 Front page	Camera list
 Map	Camera positioning
 Event	Camera files, where you can download files stored by the camera (photos and videos)
 Mine	APP information and account information
 Camera	Camera name, optionally modified
 29.11GB/29.52GB	Camera memory card status
 100%	Battery level icon
 19°C	The temperature of the environment where the camera is located (there is a certain error, $\pm 5^{\circ}\text{C}$)
 	Delete camera
 	Click this icon within 15 meters of the camera to connect to the camera hotspot to view real-time images, view videos captured by the memory card and set up the camera

6.2 APP connection

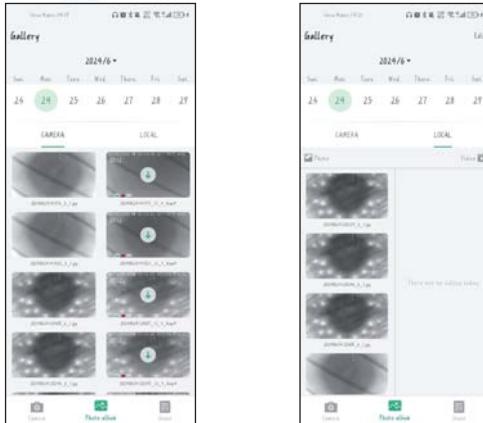
1. When the APP and camera connect successfully, the interface as below shown:



	Disconnect, exit live view, close camera hotspot
	Camera settings, you can adjust camera photo and video resolution, video length, PIR interval, timed shooting, video recording settings, etc.
	Real-time screen magnification
	Real-time picture definition, HD is low definition, FHD is high definition quality
	full-screen display
	Manual photo taking
	Manual recording, please note that the minimum recording time when using APP recording is 6S
	sound, real time sound
	camera

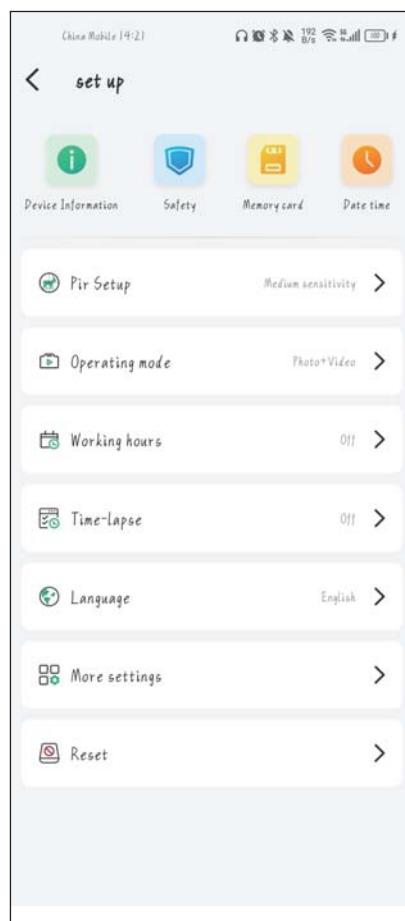
	Camera files and files captured by memory cards can all be reflected in this setting.
	Camera information. Please note that this setting can only view camera information and cannot modify camera settings. To modify camera settings, you need to press the settings button in the upper right corner.

2. Click the icon  to enter the pictures review as shown below diagram.



	Files stored by the camera.
	Detailed status of the device
	When viewing the file stored by the camera and the icon is a video, click Download Video

3. Click the icon  to enter the menu setting, as shown below diagram.

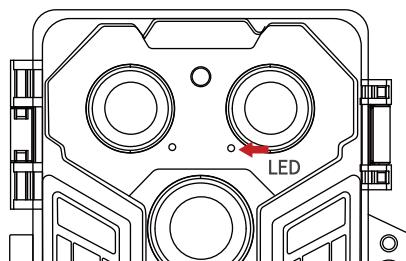


7. OTHER NOTICE

7.1 Placing the Camera

The test pattern is advantageous for determining the optimal detection angle and range of the motion sensor. For this purpose, the camera is mounted on a tree at a height of about 1-2 m and the camera is pointed in the desired direction. Move from one side of the viewing area to the other side and parallel to the camera. Try different angles and distances.

The red LED in front of the camera lights up to indicate that you have been detected by the PIR sensor area.



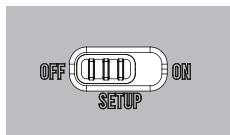
In this way, you can determine the best position for aligning the camera. The LED only lights up in the SETUP mode as soon as the sensors have detected movement. The LEDs do not light up when in ON mode. In order to prevent incorrect signals and unnecessary photos, we recommend using the camera at sunny points and checking that no branches are in the active area of the sensor. The optimum alignment is in the North or South direction. The detection range of the sensors is approx 120. Also check that the camera is set to the correct height in line with the point to be observed. Where necessary, point the camera down for optimum alignment.

 **Notice:**

Wildlife Camera corresponds to protection class IP 66. The camera is protected against dust and sprayed water and thus can be used in any weather condition.

7.2 On Mode

The standard application of the wildlife Camera is the Live mode. When in this mode, photos are either triggered by movement sensors or at intervals according to the respective setting. To set up the Live mode, switch mode switch to ON position. The camera will operate automatically and enters Standby mode after 5 seconds..



7.3 Night Recording

During night recording the infrared LEDs (IR LEDs) at the front of the Wildlife Camera provide the light required for taking photos. Wildlife Camera uses IR LEDs with a long wavelength to keep red light to a minimum. The provided number of IR LEDs generates a high deflection angle thus allowing night recording at a distance of 3 m to 20 m, without overexposing the object. Reflecting objects can, however, also cause overexposure within this range (e.g. road signs). Please note that night recording using IR LEDs produces black and white images.

7.4 File format

The Wildlife Camera The file for storing photos is called "PHOTO" and the file for storing videos is called "VEDIO". Photos are given a file name with extension "JPG"

(Example: "20240311000245_6_1.jpg"). Videos, are given the extension ".MP4" (Example: "20240311000245_5_3_A.mp4"). Alternatively you can insert the memory card in a card reader on the computer.

The video file can be played with most standard programs, such as Windows Media Player, PotPlayer etc.

8. Technical specification

Image and Video	
Image sensor	1/3" CMOS sensor
Screen	2.4" colour TFT LCD; 320 x 240 pixels
Lens	F=3.2; F/NO=2.0; Auto IR filter
Triggering time	approx. 0.1 second
Video resolutions	1080P (1920 X 1080, 15FPS), 720P (1280 X 720, 15FPS), 480P (720X 480, 640X 480 15FPS)
Storage formats	Photo: JPG; Video: MP4

Audio	
Microphone	48 dB high sensitivity sound collection

Trigger	
Detection angle of sensors	Total sensor angle zone: 120°
Triggering distance	up to 15 meters
PIR Sensitivity	High / Medium / Low

Data Storage	
Recording medium	Supports SD/SDHC memory cards up to 128 GB (optional)

Night vision	
Day / Night Mode	Day/night, Auto Switcing
IR-CUT	Built-in
IR flash	Two 850nm infrared range of 20m

Others	
Spray water protected	Yes (IP protection class66)
Connections	Type-C USB 2.0
Dimensions	approx. 145 (H) x 105(B) x 95 (T) mm



Note:

- Design and technical specification are subject to change.

9. Simple Trouble Shooting

The camera will not turn on	<ul style="list-style-type: none">• Please charge the trail camera for more than 10 hours with USB cable.• Check if the battery capacity is low or exhausted.
The camera turns off automatically	<ul style="list-style-type: none">• Please check whether the battery capacity is low or exhausted.• Please check if SD card is full. If so, transfer images and videos to your computer or delete some files in the Replay Mode.
It shows “SD card Error”	<ul style="list-style-type: none">• Please ensure that SD card is with class 10 standard or higher level.• Please use the camera to format SD card at the first time.
The image is not clear	<ul style="list-style-type: none">• Please ensure that you removed the protective films on IR LEDs and lens before using.• Please ensure that the lens is not dirty.
The camera does not take images or record videos	<ul style="list-style-type: none">• The memory card is not formatted properly. Format the SD card again or use a new card.
Camera can not turn off	<ul style="list-style-type: none">• Once such malfunction occurs, remove all the batteries to reset the camera.
Forget the password	<ul style="list-style-type: none">• PLEASE ENTER THE WORDS “OPEN”, IN CASE THAT YOU FORGET THE PASSWORD TO START THE MACHINE.

10. MATTERS NEED ATTENTION

Care

Do not use any corrosive cleaners, such as methylated alcohol, thinners, etc. to clean the camera housing and supplied accessory. When required, please clean system components with a soft dry cloth.

11. Hazard, safety and warning notices

Incorrect use of the camera and accessories can be dangerous for you and others and can damage or destroy the camera. Therefore we ask you to read and strictly observe the following Hazard, safety and warning notices.

1 Intended use

This camera is intended for taking digital photos and video clips. It has been designed for private use and is not suitable for commercial purposes.

2 Hazards for children and persons with limited ability to operate electronic equipment

The camera, accessory and packaging are not toys for children. These should therefore always be kept away from children. Danger of electrocution, poisoning and suffocation.

The camera and accessory may not be used by children and persons with limited abilities. The camera may only be operated by persons physically and mentally able to operate it safely.

3 Electrical hazard

1. Switch off the camera and remove the batteries if a foreign body or liquid has entered the camera. Let all parts dry thoroughly. Otherwise danger of fire or electrocution.
2. Switch off the camera and remove the batteries if the camera has been dropped or the housing is damaged. Otherwise danger of fire and electrocution. The camera may not be dismantled, modified or repaired. Danger of fire and electrocution.
3. The power supply may not be used during storms. Otherwise danger of electrocution.

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.

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

RF Exposure Statement

To maintain compliance with FCC's RF Exposure guidelines, this equipment should be installed and operated with minimum distance of 20cm the radiator your body. This device and its antenna(s) must not be co-located or operation in conjunction with any other antenna or transmitter