smanic

4K

Dashcam User Manual

WiFi

4K

UHD

GPS

Contact Us

Dear Customer,

Thank you for choosing our brand and our dashcam, if you have any suggestions or if you run into any problem, pleasecontact us.

we will always be here to support you!

TEL: +1(888)678 8666

Email: dashcamservice001@hotmail.com

Table of Content

IMPORTANT SAFETY INFORMATION 01

DANGER 01

WARNING 02

1. PRODUCT OVERVIEW 03

1.1Package Included 03

2. PRODUCT DIAGRAM 03

2.1 Front View 03

2.2 Rear View 04

2.3 Buttons and Icons 04

3. INSERTING & REMOVING MICRO SD CARD 05

3.1Inserting the Micro SD Card 05

3.2Removing the Micro SD Card 06

4. INSTALL THE DASH CAM 07

5. THREE MODES OF DASH CAM 10

5.1 Recording Mode 10

5.2 Photographing Mode 12

5.3 Playback Mode 13

6. BASIC SETTING OF THE DASH CAM 15

6.1 Common Setting in Basic Setting 16

（1） Turn on Wi-Fi in Dash Cam 16

（2） Set License Plate Number 16

（3） Set the Date Format 16

（4） Adjusting Speed Unit 17

（5） Format the SD card 17

（6） Download the App or Contact the Customer Service 17

7. APP & WIFI OPERATIONS 18

7.1 Download the App 18

7.2 Opening & Connecting Wi-Fi 18

7.3 QA in App & Wi-Fi Operations 21

8. PLAY ON THE COMPUTER 23

8.1How to output date on the computer 23

8.2 How to view a GPS track map? 23

9. TROUBLESHOOTING 24

10. FCC WARNING 25

IMPORTANT SAFETY INFORMATION

For user safety and to avoid property damage, read through this manual and follow these safety instructions to use the product correctly.

DANGER

- **Do not disassemble, repair, or modify the product yourself.**

Doing so may cause fire, electric shock, or malfunction. For internal inspection and repair, contact the service center.

- **If any foreign matter gets inside the product, detach the power cord immediately.**

Contact the customer service team for repair.

- **Do not adjust the product while driving.**

Doing so may cause an accident. Stop or park your car in a safe place before installing and setting up the product.

- **Do not install the product in a location where the product can interfere with the driver's field of vision.**

Doing so may cause an accident.

- **Do not use a damaged or modified power cord. Only use the cords provided by the manufacturer.**

Damaged or modified power cords may cause an explosion, fire, or malfunction.

- **Do not operate the product with wet hands.**

Doing so may cause electric shock.

- **Do not install the product in an environment with high humidity, or combustible gases or liquids.**

Doing so may cause an explosion and/or fire.

IMPORTANT SAFETY INFORMATION

Failure to observe the following directions could result in death or serious injury.

WARNING

- **Do not leave the product near infants, children, or pets.**

There is a risk of them swallowing small components, and/or their saliva may get into the product, causing an explosion due to a short circuit.

- **Do not spray water or wax directly onto the product while cleaning the inside of the car.**

Doing so may cause fire, electric shock, or malfunction.

- **If smoke or an unusual smell is emitted from the power cord, detach the power cord immediately.**

Contact the service center or your distributor.

- **Keep the terminals of the power cord clean.**

Failure to do so may cause excessive heat and fire.

- **Use the correct input voltage.**

Failure to do so may cause an explosion, fire, or malfunction.

- **Plug in the power cord firmly so that it cannot easily be disconnected.**

Failure to do so may cause a fire.

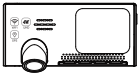
- **Do not cover the product with any material.**

Doing so may cause external deformation of the product or fire. Use the product and peripherals in a well-ventilated location.

1. PRODUCT OVERVIEW

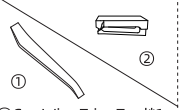
1.1 Package Included

Check the box for each of the following items before installing the dashcam.

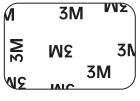


4K Dash Cam*1

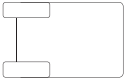
Car Charger*1



①Car Wire Trim Tool*1
②Wire Clip*2



3M Double-Sided Adhesive*2



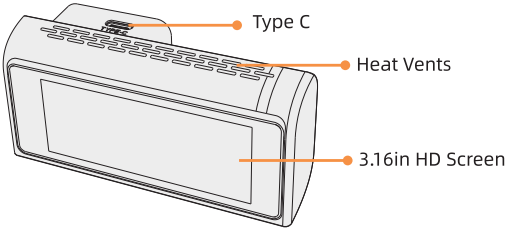
Electrostatic Sticker*3

User Manual *1

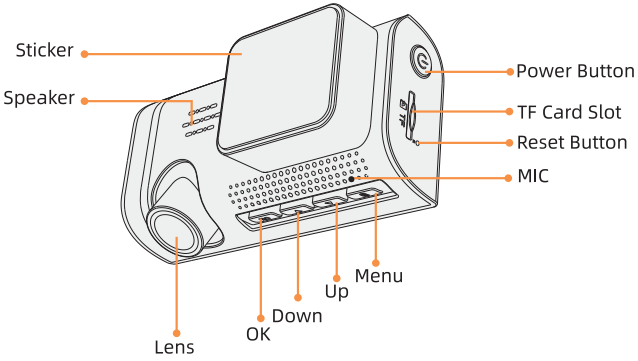
2. PRODUCT DIAGRAM

The following diagrams explain each part of the dashcam

2.1 Front View



2.2 Rear View



2.3 Buttons and Icons

Mode	Opening Method	Button	Function
1.Recording Mode	Plug in the car charger, turn it on, and it will automatically start recording and enter the recording mode	Menu	① Press the menu key once to lock, click OK to unlock, and click the menu again to enter the menu mode ② Press and hold the menu key once to enterthe photographing mode
		UP	Press the up key to take a picture
		Down	Press the key to turn off the audio (there is no sound in the video)
		OK	Turn recording on or off. When recording, the red dot in the upper left corner flashes,when recording is paused, the red dot disappears.

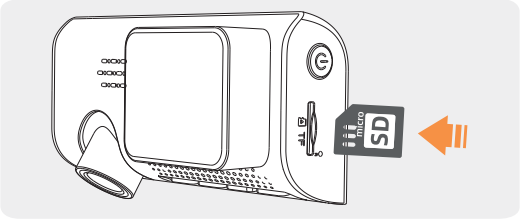
Mode	Opening Method	Button	Function
2.Photographing Mode	In the recording mode, press and hold the menu key to switch to the photographing mode	Menu	Press the menu key once to enter the menu setting, Press and hold the menu key once to enter the playback mode
		UP	
		Down	
		OK	Press the OK key to take pictures
3. Playback Mode	In the photographing mode, press and hold the menu key to switch to the playback mode, and you can play back video and pictures	Menu	Press the menu key once to enter the menu setting, Press and hold the menu key once to enter the recording mode
		UP	Previous video/picture
		Down	Next video/picture
		OK	Play video/view pictures

3. INSERTING & REMOVING MICRO SD CARD

3.1 Inserting the Micro SD Card

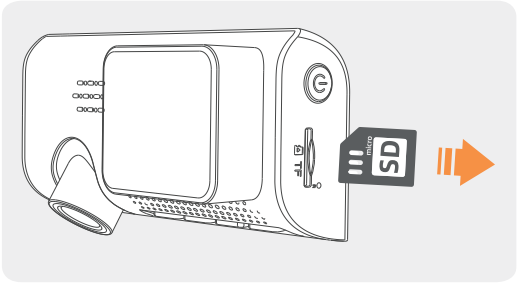
Push the Micro SD Card into the card slot until you hear the clicking sound.

(Make sure the metal contact of the Micro SD Card facing upwards)



3.2 Removing the Micro SD Card

Ensure the dash cam is turned off or not in recording. Then gently push the edge of the Micro SD Card with your fingernail, the card will spring out far enough to be removed.



NOTE

① The Micro SD card is not included.

② Supports Micro SD Card 8GB-128GB.

③ Format the Micro SD card if it has been used for an extended period without formatting.

④ When the Micro SD card is unplugged, the dash cam will shut down.

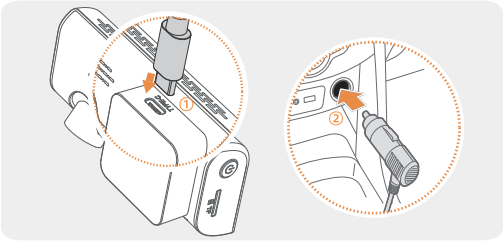
⑤ Ensure that the product is turned off before removing the Micro SD card. The recorded video files may be corrupted or lost if you remove the Micro SD card while the dash cam is on.

4. INSTALLATION

Step 1

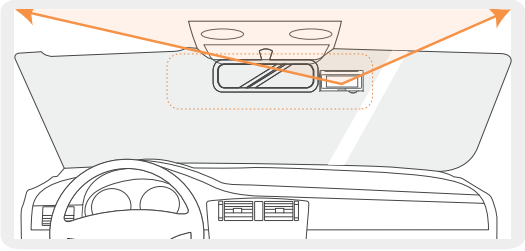
(1) Connect the car charger's Type C port to the dash cam.

(2) Insert the car charger into the cigarette lighter port of the vehicle to power up the dash cam.



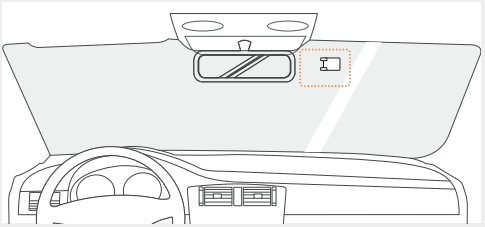
Step 2

Choosing a suitable installation position, which can record the entire view of the front of the vehicle without interfering with the driver's vision.



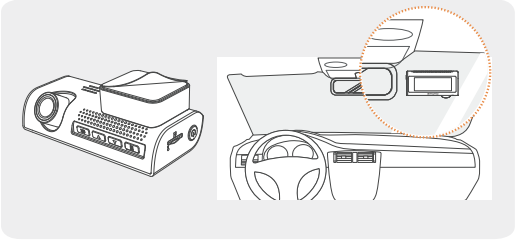
Step 3

After determining the installation position, wipe the windshield with a dry cloth and apply an electrostatic sticker.



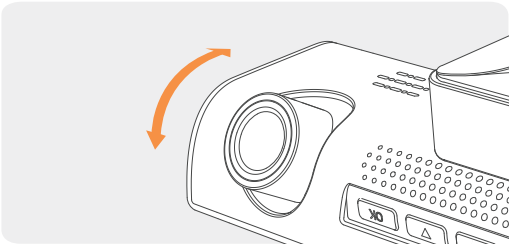
Step 4

Remove the protective film from the 3M adhesive on the back of the dash camera, and then press the dash camera into place to ensure that it is securely fastened.



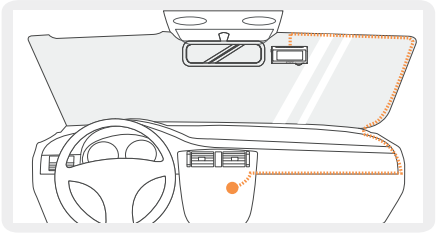
Step 5

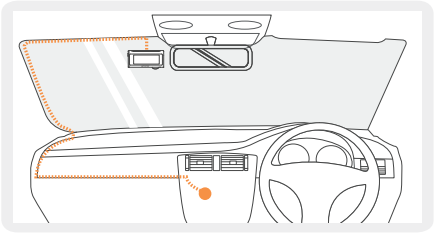
Set the camera angle appropriately to ensure that the entire view in front of the vehicle is recorded.



Step 6

Sort out the charging line, and installation is completed.



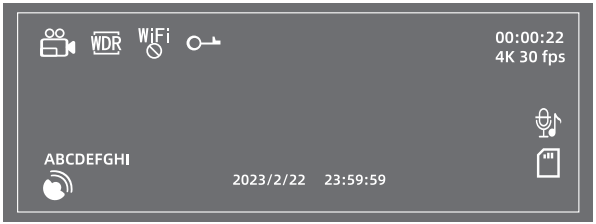


5. THREE MODES OF DASH CAM

5.1 Recording Mode

Power on the dash cam and it will automatically enter the recording mode.

Display Overview



	Recording Mode
WDR	WDR ON
WiFi	Wi-Fi OFF
	Lock State
00:00:22	Recording Time
4K 30 fps	Video Resolution
	Audio
	SD Card Inserted
2023/2/22 23:59:59	Date/Time
ABCDEFGHI	License Plate Number
	GPS

Operation in Recording Mode

(1) Power ON/OFF:

① When you start the engine, the camera will turn on and automatically start recording.

② When you turn off the product or unplug the charging cable from the power supplier, the camera will stop recording and turn off.
③ Long press the button to turn the camera on or off.
④ Short press the button to enter the rest screen/wake-up state.

(2) Loop Recording:
① Insert the Micro SD card into the card slot of the camera. Once the camera detects the power, it will start automatic loop recording.
② The time range of each video file is 1/2/3 minutes.
③ When the space of Micro SD Card is insufficient, the loop recording will automatically overwrite the oldest files (one after another).
④ Save the circular record file to the SD card: \Novatek\MOVIE folder.

(3) Emergency Recording:
① Automatic emergency recording When the collision activates the G sensor, the current video file will be automatically locked and saved in the SOS folder of the SD card to avoid being overwritten by the loop recording.
② Emergency recording time is 1 minute.

(4) G-Sensor Function
① When the vehicle is off and the recorder is off, G-Sensor vibration triggers the automatic start of video recording and locks the encrypted file for saving, and then automatically shuts down.

② The file under the G-Sensor event is saved and automatically locked and not deleted.
③ G-Sensor has 4 levels, low, medium, high, and off, which can be adjusted according to your own needs.

(5) Shortcut keys in Recording Mode:
① During recording, press the DOWN key to turn off the audio (there is no sound in the recorded video), and press the UP key to capture the current picture.
② Press and hold the DOWN key to turn on/off the Wi-Fi

5.2 Photographing Mode

Long press the menu key once in the recording mode to enter the photographing mode.

Display Overview

	Photographing Mode
	Time Lapse Picture
0052	Image File Name
12M	Image Size
EV 0.0	Value of Exposure

Operation in Photographing Mode

(1) Photographing Mode

① After the machine is turned on, in the recording mode, long press the menu button once to enter the photographing mode.

② After the machine is turned on, in the Photographing Mode, short press the OK key OK to taking a picture.

(2) In the photographing mode, short press the menu key to enter the setting menu:

① Capture Mode: set the shooting/2 second timing/5 second timing/10-second timing.

② Resolution: Set image size (12M/10M/8M/5M/3M)

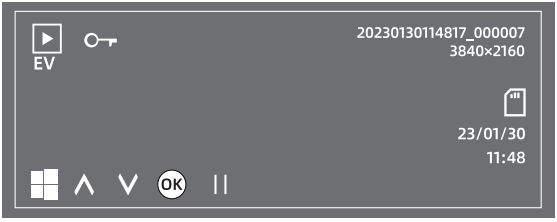
③ Exposure: set the exposure value (+2~- 2)

④ Date Stamp: Set photo watermark (off/date/time)

5.3Playback Mode

Long press the menu key once in the photographing mode to enter the playback mode

Display Overview



	Video File
	Picture File
	The File is Locked
20230130114817_000007	File Name
3840×2160	Resolution
	Micro SD Card
23/01/30 11:48	Recording Time
	Play/Pause Status
	Play/Pause Video Or Picture
	Next File/Slow Down Play
	Last File/Fast Play

Operation in Playback Mode

(1) Playback Mode

After the machine is turned on, long-press the menu key once to enter the playback mode in the photographing mode.

(2) In playback mode, press the menu key to enter the setting menu:

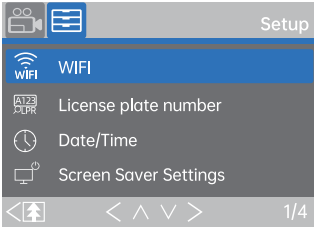
① Delete. You can delete the current file and delete all the files.
② Protection. The video file can be locked/unlocked. After locking, the video file cannot be deleted and has a lock icon. The files can be all locked and unlocked.
③ Slide Show. The slide show can be turned on and can switch according to the time setting.
④ View the playback file. You can view the video file normally and fast forward/rewind the video playback.

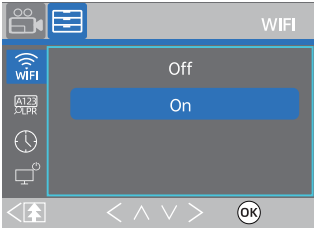
6. BASIC SETTING OF THE DASH CAM

Button	Behavior
	Turn on the machine's Wi-Fi
	Set your car license plate number
	Time setting/Time format setting
	Turn off the Screen(Still recording)
	Language Setting
	Choose Time Zone
DST	Open Daylight Saving Time
	GPS information
	Set speed unit(KMH/MPH)
	Adjust the beep sound
	Adjust the volume
	Set the light frequency
	Format Micro SD Card
	Restore factory setting
VER	Show the current software version
	Download the app/ Customer Service

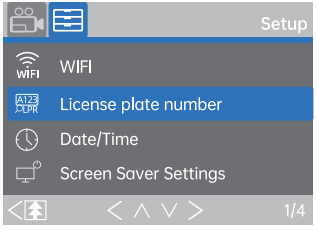
6.1 Common Setting in Basic Setting

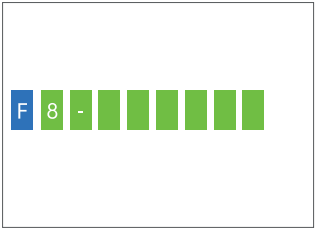
(1) Turn on Wi-Fi in Dash Cam





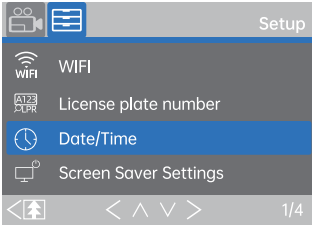
(2) Set License Plate Number

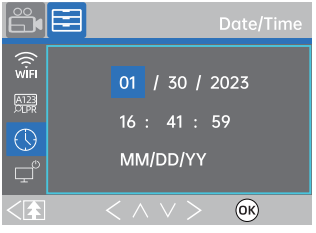




(3) Set the Date Format

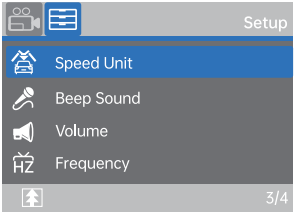
Choosing the date format you like

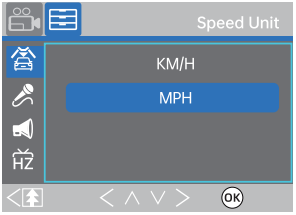




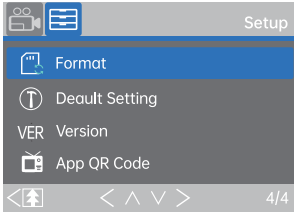
(4) Adjusting Speed Unit

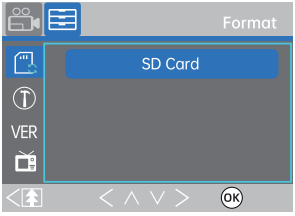
Setting the speed unit, KMH/MPH.



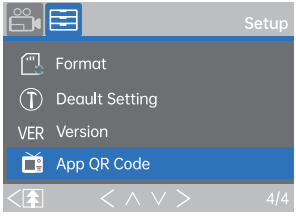


(5) Format the SD card





(6) Download the KaKa App or Contact the Customer Service



7. APP & WIFI OPERATIONS

7.1 Download the App

Go to the App store/Google Play on your smartphone and download the app KaKa or scan the QR code below to download.

Scan Me

7.2 Opening & Connecting Wi-Fi

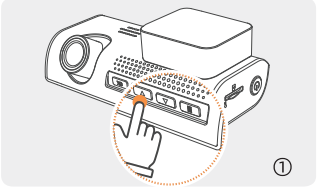
The WIFI function enables you to pair the DASH CAM with your smartphone and access the video immediately. You can view and download videos and pictures. The KaKa app is free and allows you to connect WIFI to your smartphone.

(1) Turn On/ Turn Off Dash Cam Wi-Fi

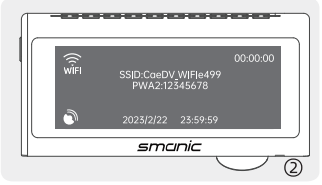
●Turn On Dash Cam Wi-Fi

① Long press the Down button ▼ to open the WiFi signal. Until the The WIFI page appears.

② Go to menu > WIFI setting > select On.



①

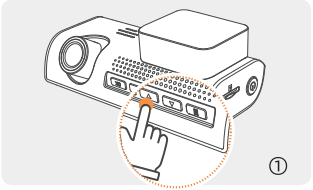


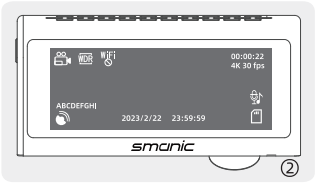
②

●**Turn Off Dash Cam Wi-Fi**

① Long press the Down button ▼ to open the WIFI signal. Until the The WIFI page disappears.

② Go to menu> WIFI setting > select Off.

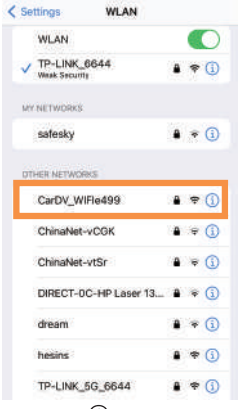


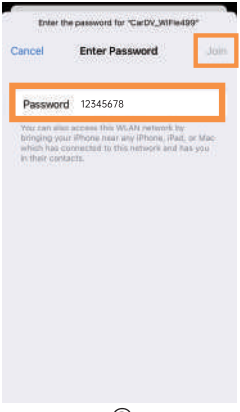


(2) Connecting Dash Cam Wi-Fi to Your Phone APP

① In your phone's settings, connect to the WiFi: CarDV_WIFIe499

② Enter the passcode：12345678 and join in the network.





③ Open the Kaka app and tap the camera icon below.
④ Select "WiFi Connect Device"
⑤ Connection succeeded. Phone App and camera are synchronized.

③

④

⑤

7.3 QA in APP&Wi-Fi Operations

(1) How can I view the currently downloaded videos and pictures on the app?

① Open the APP photo album.

② Click the picture to display, the picture currently downloaded from the recorder.

③ Click Video to display, the video currently downloaded from the recorder.

(2) How can I read the device recording file on the app and choose to download or delete it?

① Click the album icon in the lower right corner.

② Select photos/videos.

③ Click the top right corner to choose.

④ Select the corresponding file you want.

⑤ Click the download icon in the lower left corner to download to the local file.

⑥ Click the icon in the lower right corner to delete the file.

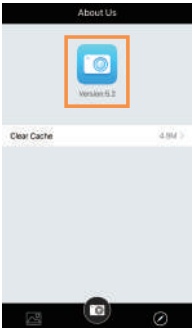
How to view the app version and clear the recording data?

① Open the app and click the lower right corner.

② The App version shows above.

③ Clear Cache and confirm.

①



②

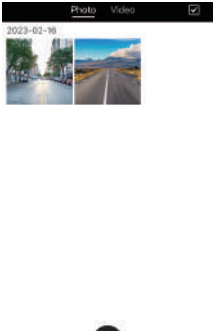
③

(4) How to view or delete the local file?

① Open the app and click the lower left corner.

② Click the file to look or choose the file to delete.

①



②

8. PLAY ON THE COMPUTER

8.1 How to output data on the computer?

(1) Please use a card reader(NOT Included) to output the data on the computer.

(2) Dashcam does not support output data by connecting to the computer via a USB cable.

8.2 How to view a GPS track map?

Get the software free at http://www.gpsplayer.net/setup.html

The features of GPS Player

① To see the exact GPS route with the video on google maps

② Play back your recorded videos

③ Show Driving Speed

④ Show Longitude and Latitude.

9. TROUBLESHOOTING

The camera has a litter hot

When the camera runs for a while, This is a common phenomenon. The operating temperature is designed between -20℃~70℃.

The Micro SD card can't be read

Please use an 8-128GB Micro SD card and format the SD card when starting use.

The camera locks many videos automatically

Please change the G-Sensor setting to a lower setting. This setting depends on how much vibration your car is creating based on road conditions.

GPS no signal

It may be difficult to receive GPS signals in tunnels, buildings, or valleys. Please wait for a while to double-check. If it still doesn't work. Please contact us.

The camera does not turn on.

The camera needs to be powered by an external power, Please connect it to the car charger. If it still does not work, please change to another car charger to have a try. If still can't solve the problem, please contact us.

When I press the MENU nothing happens

This is normal during recording. Stop the recording before pressing the MENU button.

10. 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.

NOTE 1: 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.

NOTE 2: Any changes or modifications to this unit not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

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.