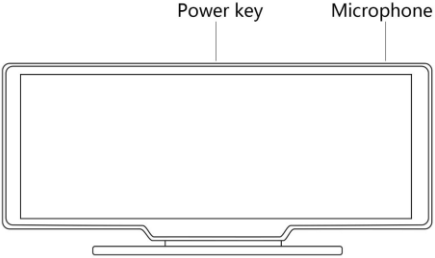
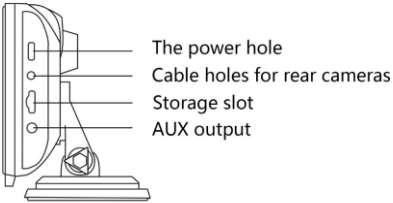
P1026 Portable Car Navigation Monitor Device

User Manual

1. Product overview

The P1026 uses two wide-angle cameras installed inside and outside the vehicle to capture images of the surrounding area and transmit them to the integrated device in real time. With the help of this system, the driver can see the obstacles and pedestrians around the vehicle intuitively, and effectively reduce the occurrence of scraping, collision, collapse and other accidents. This product can record all driving pictures to avoid accident fraud.





2. Product composition list

Name	Graphic	Instructions	Number
The host		10.26 -inch FHD display (1600*600) / 2 -channel camera interface/touch control / Bluetooth / Wi-Fi / FM Transmitter / SD card recording / Type C interface power supply	1
The power cord		Type C power cord/ 7V~32V / 3A current / integrated cable / cigar lighter to take power	1
Pull back camera		AHD FHD (1080P)/4PIN BMW head	Optional
Pull the headphone extension cord		Pull back headphone cable / 6m /2.5mm headphone +4PIN BMW head/double shield/with reverse cable	Optional
Monitor base		To support the display and fix it on the center console	1
SD card (optional)		32G Class10 SD card	1
Camera extension cord		Rear view / 10m/BMW head/one male and one female / dual shielding /4 cores	1

3. Product description

Project	Function introduction	Performance indicators
System	Language	Simplified Chinese / Traditional Chinese / English / Russian / Spanish / French / Germa / Japanese / Korean / Arabic / Italian / Portuguese
	Interface	Graphical menu operation
	Mode of operation	Touch
Video input	Video input	2 channels FHD video input
	Video mode	Default boot recording, no missing seconds
	The video format	2.5K H.264 video, 2 channels of video saved separately
Video display	Real-time display	10.26-inch HIGH-DEFINITION IPS screen, 1600 x 600
	The native playback	Local play, anytime to view
	The screen saver	Screen savers can be set to: off / 10 seconds / 30 seconds / 1 minute
Reverse display	Reverse display	Automatically switches to the rear view
	Astern line adjustment	Adjust the reversing line for various models

Smart + connected	Wi-Fi	Supports Apple CarPlay and Android Auto
	Bluetooth	Support Bluetooth music playback
	FM	FM Transmitter support, connected to the car radio
The video store	SD card	CLASS10 U1 : 32GB minimum and 256GB maximum
Audio part	The microphone	Support microphone recording, menu can be set to turn off
	Voice control	Support voice control, menu can be set to turn off
Power part	The power input	The step-down line supports 7-32V wide voltage and has power protection circuits such as vehicle specification level surge protection and anti reverse connection protection.
Power consumption	Two-way video	Less than 10W (screen display, 2-channel camera recording)
Other	Working temperature	-4 ~149 ℉
	The video time	Video recording duration can be set
	camera mirroring	The camera supports mirror display, and the menu can be set

4. SD card specifications

The quality of SD card has a great impact on the stability of video recording. To record video safely, use SD cards from major brands such as SanDisk, Kingston, Toshiba, and Samsung. Speed certification must be at least Class10.

5. Wiring instructions

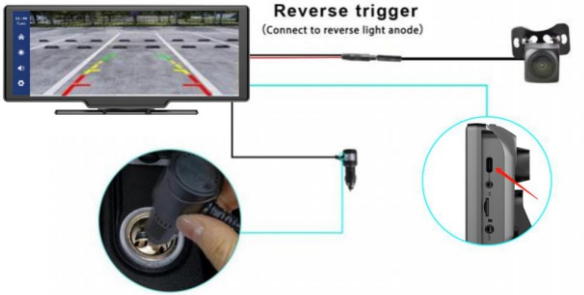
The details are as follows:

Port	Instructions
Type C interface	Monitor power supply interface
Cigarette charger	The cigarette lighter takes power directly Note: The product comes with a cigarette charger as standard. If you do not use our original charger, you need to buy a compliant high-quality cigarette charger, otherwise it is easy to damage the machine or cause other injuries due to insufficient voltage and heat.and FM Transmitter function cannot work normally.

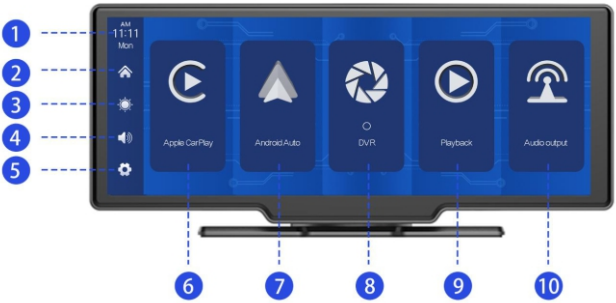
6. Camera installation

Locate the drilling hole, find the appropriate installation position in the license plate attachment, mark it with a pen and then drill the appropriate size of the screw hole. Fix the camera to the rear of the car with screws, the reversing trigger wire (red thin wire) needs to be connected to the positive pole of the reversing light, and finally use the camera extension cable to connect to the monitor.

(This is not necessary if you choose the version without the reversing camera.)



7. Interface specification



① Time and date: display the current time and date

② Home button: click to return to home page

③ Brightness key: click to adjust the screen brightness

④ Volume key: click to adjust the volume

⑤ Setting button: click to jump to the setting interface

(DVR) (Mobile Internet) (Return)

⑥ Apple CarPlay: Special connector for iPhone

⑦ Android Auto: Special connector for Android mobile phone

⑧ Dvr: Click to enter the video recording interface

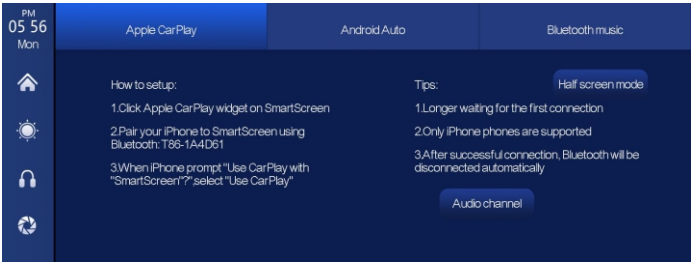
⑨ Playback: Tap to view a video on the video screen

⑩ Audio output: click to select the sound playing mode

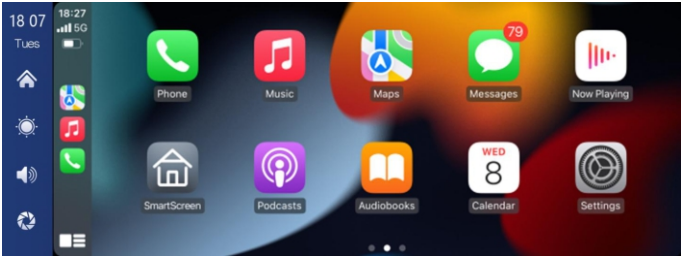
A. Apple CarPlay

As shown in the figure, click the [Apple CarPlay] button to enter Apple CarPlay. First turn on Wi Fi and Bluetooth of the phone, and then select the [Apple CarPlay] option as shown in the figure below. Bluetooth will automatically turn on, and the name is T86-XXXX. Connect Bluetooth to your phone to open the application. When the machine is powered on, it will attempt to automatically connect to the last connected phone.

(Turn off your phone's Wi-Fi to disconnect, Apple CarPlay option only supports iPhone phones, Android phone please select [Android auto] option)

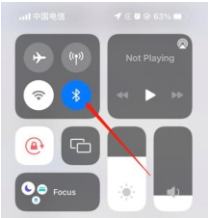


(Half screen mode)

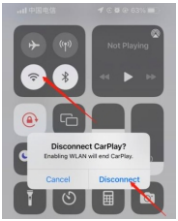


(Hull screen mode)

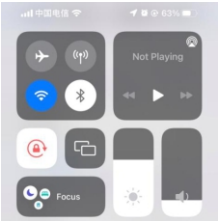
Note: In the drop-down menu of the mobile phone, you need to click to turn off Bluetooth first, and then click the Turn off WiFi button to disconnect. Just turn off the WiFi button alone, and the car will keep trying to reconnect.



①



②

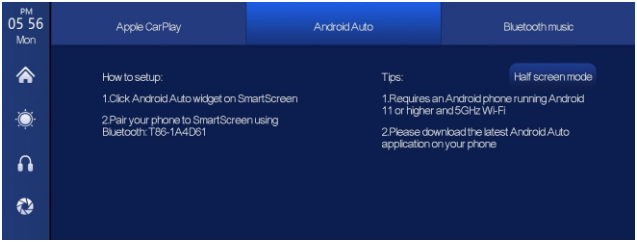


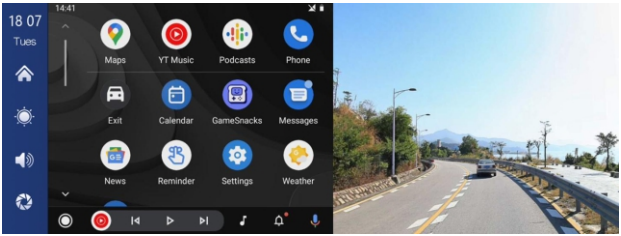
③

B. Android Auto

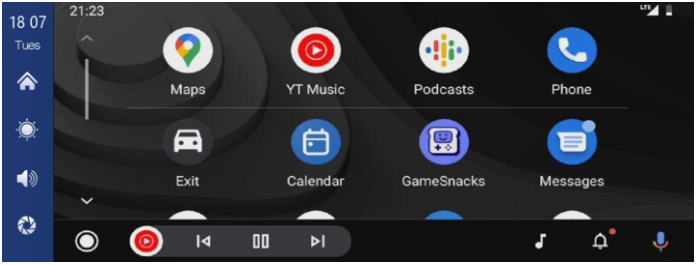
As shown in the figure, click the [Android Auto] button to enter Android Auto. First turn on Wi Fi and Bluetooth of the phone, and then select the [Android auto] option as shown in the figure below. Bluetooth will automatically turn on. The name of Bluetooth is T86-XXXXX. Connect Bluetooth to your phone to open the application. When the machine is powered on, it will attempt to automatically connect to the last connected phone.

(Turn off your phone's Wi-Fi to disconnect)



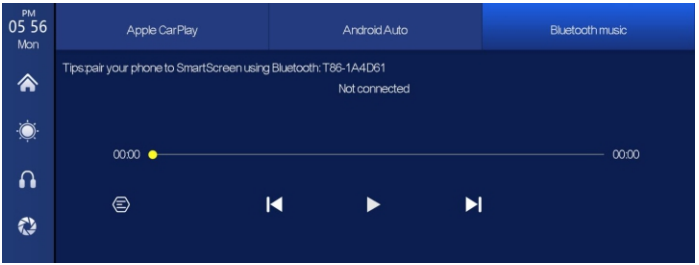


(Half screen mode)



(Hull screen mode)

C. Bluetooth Music



You can find Bluetooth music by clicking the Apple CarPlay or Android Auto button. First turn on the Bluetooth of the phone, and then select the [Bluetooth Music] option. The Bluetooth will automatically turn on. The Bluetooth name is T86-XXXXX. Connect Bluetooth to your phone and start playing music.

The buttons correspond to Last, Play / Pause and Next, respectively.

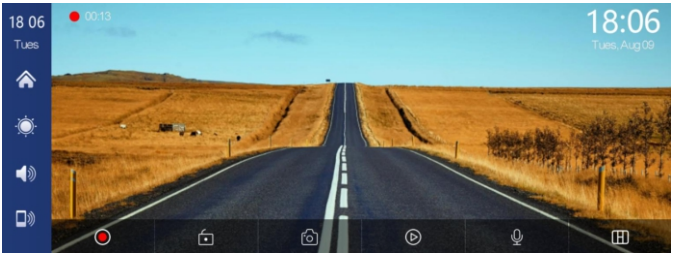
Click on the Lyrics button [ ] to display the lyrics.

Click the [ ] button to enter the Dvr screen.

(Some mobile music player apps do not support displaying lyrics)

D. Dvr

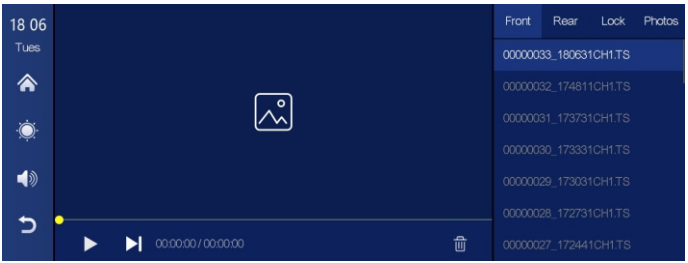
As shown in the picture above, the main page will not display the camera image, you need to click the Dvr button to view the camera image. When a card is inserted, the system automatically enters the video mode, and when recorded, the small red dots in the [Driving Monitoring] button will flash.



	Start recording and click Close recording again.
	Lock the video for a few minutes and the data will not be deleted.
	Click to take a photo with one click.
	View playback video.
	Turn recording sound on or off.
	Click to switch the camera distribution screen.

E. Playback

As shown above, click the [Playback] button to enter the video playback interface.



You can click any to play back the video and play the video on the right.

[Front] cyclic video shot by the front camera.

[Rear] a circular video shot by the rear camera.

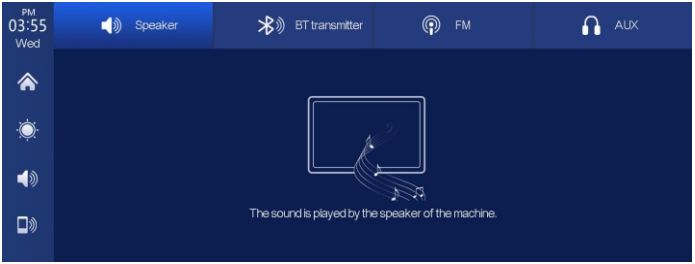
[Lock] Click the video saved after locking.

[Photos] Click to view the pictures taken by the one-click photo function.

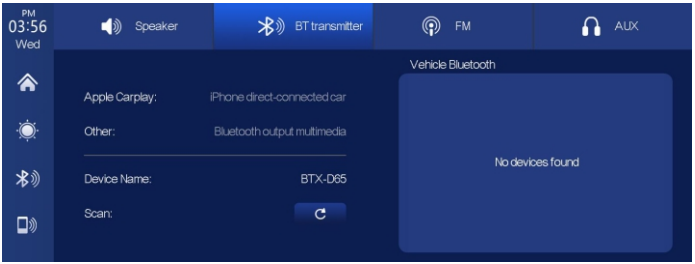
Click the [Delete] button to delete the material.

F. Audio output

As shown in the figure above, click the [Audio Output] button to enter the audio output selection interface.

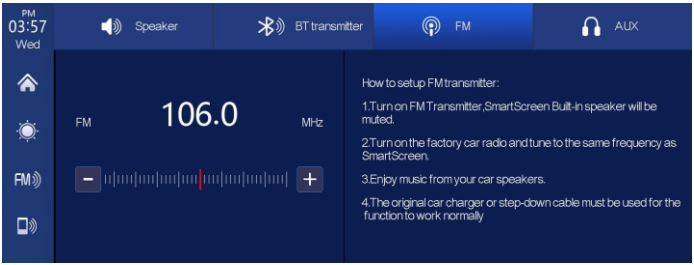


① [Speaker]: The sound will be played from the speaker of the device.



② [Bluetooth]: After selecting this mode, the Bluetooth transmission mode will be turned on by default. After the original vehicle's Bluetooth is turned on, click the Scan [ ] button, and the name of the original vehicle's Bluetooth will appear in the available devices on the right. After the connection is successful, all the sounds of the device will be transmitted to the original car speakers through Bluetooth transmission.

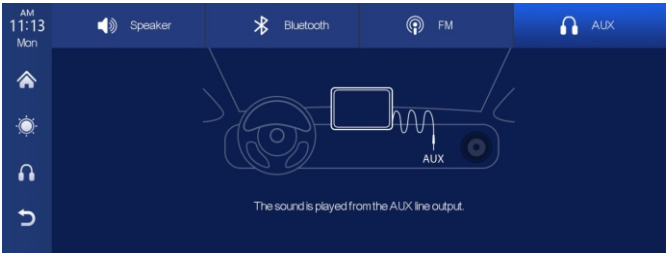
After selecting this mode, the volume icon will change to the Bluetooth transmission icon [ ], and the volume cannot be adjusted on this device, so it must be adjusted on the original vehicle.



③ [FM]: After selecting this mode, FM transmission mode will be turned on by default. For example, if the FM transmitting frequency band of this equipment is adjusted to FM 106.0 MHz (any unoccupied channel can be used), the car radio will also adjust the receiving frequency band to the same FM 106.0 MHz. After successful connection, all sounds of the equipment will be transmitted to the original vehicle horn through FM transmission.

After selecting this mode, the volume icon will change to FM emission icon [FM], and the volume cannot be adjusted on this device, so it must be adjusted on the original vehicle.

（Not using the original power cord will cause the FM Transmitter signal to deteriorate or the function cannot be used.）



④ [AUX]: After selecting this mode, the AUX output mode will be turned on by default. Connect the equipment to the original vehicle with an AUX sound source cable. After the connection is successful, all the sounds of the equipment will be transmitted to the original vehicle speakers through the AUX sound source cable for playback.

After selecting this mode, the volume icon will change to AUX output icon [ ], and the volume cannot be adjusted on this device, so it must be adjusted on the original vehicle.

G. Setting

As shown in the figure, click the [ ] button in the lower left corner to enter the setting interface.

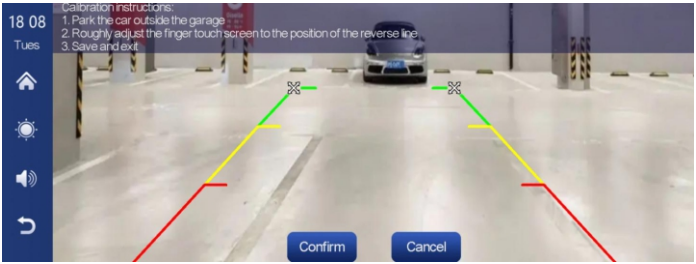
Icon	specification
 Record resolution	Click to enter the [Record resolution] settings: 1.720P+720P 2.1080P+1080P 3.2.5K+1080P (different models, options will be somewhat different, subject to the actual object)
 Split time	Click [Split time] to enter the setting of the video segmentation time: Video segmentation time is optional: 1 minutes / 3 minutes / 5 minutes. The system defaults to 3 minutes.
 Microphone	Click [Microphone] to enter the settings: You can choose to close or open.
 Image mirror	Click [Image mirror] to enter the settings: You can choose to close or open. This option makes it easier for customers to install the camera flexibly.

 Time lapse video (not required)	See the instructions below.
 Screen saver	Click [Screen saver] to enter the settings: Screen saver can be set to: off / 10 seconds / 30 seconds / 1 minute Set 1 or 5 minutes, the system will run without corresponding time, and the screen will automatically turn off. After entering the screen saver, the screen can be lit at any position on the screen again.
 Voice control	Click [Voice Control] to enter the settings: Voice control commands are: show front camera / Show rear camera / Turn on display / Turn off display / Show all cameras 5 language control commands, after opening the option, in the video interface, say the corresponding command entry, the system will perform the corresponding operation.
 Driving Position	Click [Driving Position] to enter the setting: You can select left rudder or right rudder. In the shortcut menu bar of Apple CarPlay, select left rudder on the left, and select right rudder on the right.
 Reverse Line Calibration	See the instructions below.

 Language	Click [Language] to enter the settings: Language can be set up: Simplified Chinese / Traditional Chinese / English / Russian / Spanish / French / Germa / Japanese / Korean / Arabic / Italian / Portuguese
 Date & Time	Click on [Date & Time] to enter the settings: Set up separately: year / month / day / time / minute / second / 12H system / 24H system
 Format	Click [Format] to enter the settings: This option formats all data information inserted. It is recommended to manually form format the first insert SD card to ensure sufficient card capacity. Note: It is recommended that users manually format the SD card regularly.
 Factory reset	Click [Factory reset] to enter the Settings: Restore the factory settings, and you restore all the settings to the initial state.
 Firmware version	Click on [Firmware version] to enter the menu: This option is available in the current basic version for easy confirmation.

Reverse Line Calibration

Click [Reverse Line Calibration] to enter the settings:



Park the car in the middle of the parking space, manually drag [ ], adjust the position of the reversing auxiliary line up, down, left and right, so that the reversing auxiliary line and the parking line are level with the ground.

After adjusting the reversing line, click [confirm] to confirm.

usting the reversing line, click [confirm] to confirm.

Time lapse video

In the settings, click the "time lapse video" option, you can choose "off", "12 hours", "24 hours" (default off). After selecting the monitoring time for 12 hours or 24 hours, when the car is turned off (ACC is disconnected), the system will turn off the screen after a five-second countdown to reduce power consumption and enter monitoring.

The system cannot do anything at this point unless the car is re-ignitioned (ACC powered). Manually touch the screen to light up the screen display, the system will prompt "parking monitoring, shut down later".

In the settings, if the "time-lapse video" function is selected to "off", after the car is turned off (ACC is disconnected), the system will enter the normal shutdown process, and will not enter the parking monitoring function;

"Time-lapse video" is continuous shooting at the speed of one frame per second, taking up very little space. But then it will play at 30 frames per second, so there will be a 30 times faster visual effect.

Note: And this function needs to be connected to a normal power supply in order to use it normally!

8. Troubleshooting

Item	Problem	Solution
1	Unable to start P1026 supports 7V-32V car use, high voltage cannot be used)	① Check whether the DC head of the cigarette lighter power cord is damaged or aging. ② Check whether the fuse of the power plug is disconnected or burned.
2	No touch phenomenon	① Touch is invalid during power-on, wait for normal power-on before operation. ② Check whether the touch is damaged, do not touch the screen with sharp objects, it is easy to scratch and damage.

3	The rear view camera has no image	① Buy the manufacturer's matching rear-view camera before it can be used. ② Whether the AVIN interface is inserted to the bottom. ③ Check if the camera format matches
4	Machine heat, jam phenomenon	① Avoid direct sunlight or exposure to sunlight during use. The normal operating temperature of T86DVR is -4 ~ 149 ℉. After disconnecting the power supply, the temperature of T86 will be lower than 149 ℉ and work normally.
5	Carplay cannot connect	① The first connection takes a little longer. ② Only iPhone supports Carplay. ③ Check that the WiFi and Bluetooth functions of the mobile phone are normal. ④ Enter Settings - General -Carplay vehicle, delete all records and reconnect. ⑤ Restart the iPhone and reconnect it.

6	Android Auto cannot connect	① Only Android phones are supported. ② Update Auto and related applications on mobile phones to the latest version. ③ Do not enable VPN on the mobile phone. ④ Check that the WiFi and Bluetooth functions of the mobile phone are normal. ⑤ Restart the Android phone and connect it again.
7	The bluetooth music	① Please set the screen casting mode to Bluetooth music. Other modes do not support Bluetooth music.

Reminder: Please ensure that there is no obstruction between the mobile phone and the device, and the Wi-Fi / Bluetooth signal communication is smooth, otherwise the product functions cannot be used smoothly.

9. Product parameters

Model	P1026
Master control	High performance SOC
Wireless function	Wireless Apple Carplay, Wireless Android Auto
Screen	10.26 inches IPS material，1600*600 resolution
Storage	SD ≤ 256G Class 10
Wireless module	WiFi, Bluetooth, FM launch module
Camera	Rear camera
Horn	2 W speaker
FM emission	Supported frequency band: 87MHz-108MHz
Reversing video	Automatic reversing video display
Working voltage	7V-32V
Power	Less than 10W
Size	260*130*66mm
Weight	350g
Material	ABS/PC

FCC 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.

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 20cm between the radiator & your body..