T86F 7 inch smart screen

Product specification

1. Product overview

The T86F 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 "scraping porcelain" disputes.

2. Product Composition List

List of Accessories

name	graphic	instructions	number
The host		7-inch HD display (1024*600) / 2-channel camera interface/touch control/Bluetooth /WIFI/FM transmitting /TF card recording /Type C interface power supply	1
The power cord		Type C power cord/6-36V/3A current/integrated cable/cigar lighter to take power	1
Pull back camera		AHD HD (1080P)/4PIN BMW head	1
Pull the headphone extension cord back		Pull back headphone cable / 6m /2.5mm headphone +4PIN BMW head/double shield/with reverse cable	1
Camera extension cord		Rear view / 10m/BMW head/one male and one female/dual shielding /4 cores	1

3. Product parameters

project	Function introduction	Performance indicators
system	Manipulation language	Simplified/Traditional/English
	interface	Graphical menu operation
	Mode of operation	touch
Video input	Video input	2 channels hd video input
	Video mode	Default boot video, no missing seconds
	The video	2K H.264 video, 2 channels of video

	format	saved separately
Video display	Real-time display	7-inch HIGH-DEFINITION IPS screen, 1024 x 600
	The native playback	Local play, anytime to view
	The screen saver	Can be set to 1 minute /5 minutes/off
Reverse display	Reverse display	Automatically switches to the rear view
	Astern line adjustment	Adjust the reversing line for various models
Smart + connected	WIFI	Supports ios CarPlay and Android Auto
	bluetooth	Support bluetooth music playback
	FM	FM transmission support, connected to the car radio
The video store	TF card	CLASS10 U1:64GB 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
The power part	The power input	The voltage drop line supports 5V~36V wide voltage and has power protection circuits such as surge, overload, overvoltage, undervoltage and short circuit

The overall power consumpti on	Two-way video	Less than 10W (screen display, 2-channel camera recording)
other	Working temperature	-20~65°C
	The cooling way	Passive cooling
	The video time	Video recording duration can be set
	Channel trigger delay	Reversing signal delay can be set
	The picture image	Two screens support mirror display, menu can be set

4. TF card specifications

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

5. Wiring instructions

The details are as follows:

| NO.	interface	instructions
1	Type C interface	Mainboard power supply interface
2	cigarette lighter	The cigarette lighter takes power directly

6. Camera installation

Pull back camera:

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.

7. Interface specification
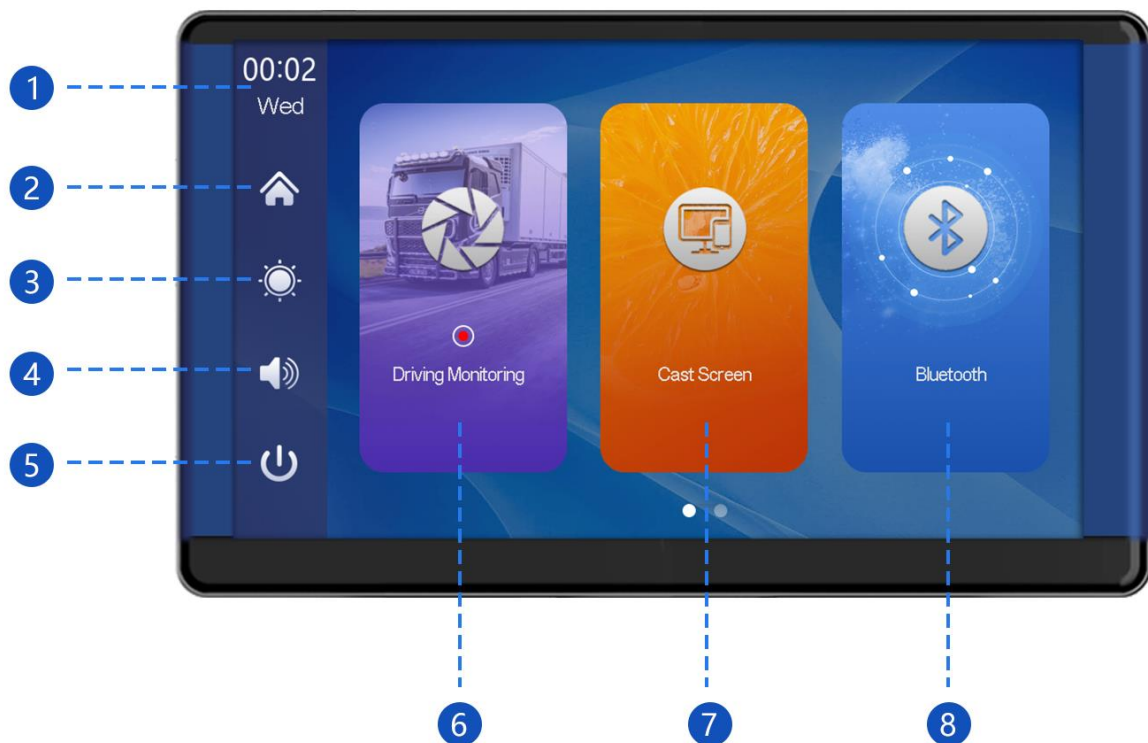
1 Time and Date: Displays the current time and date

2 Home button: Click to return to home page

3 Brightness button: Click to adjust screen brightness

4 Volume button: Click to adjust the volume

5 Turn off the screen button: click to turn off the screen, and click any position on the screen again to wake up the screen

6 Dashcam: Click to enter the video recording interface

7Mobile Phone Interconnection: Connects to mobile phones

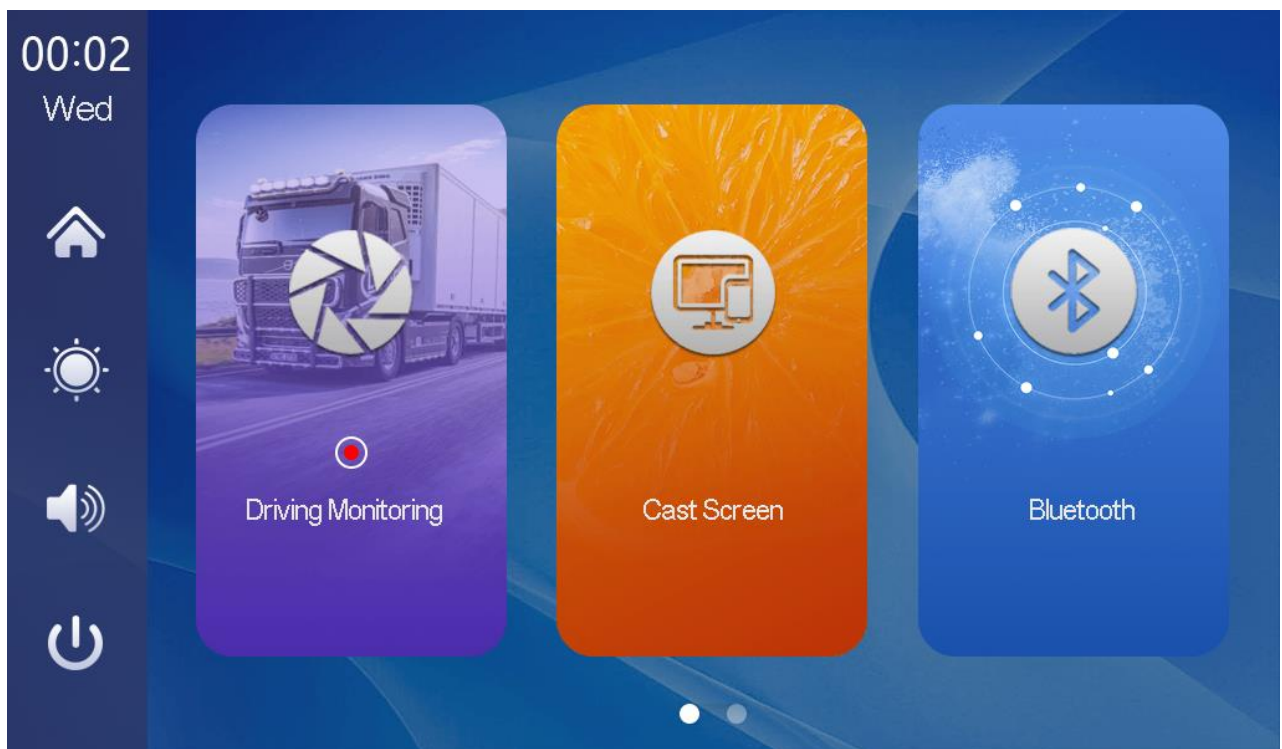**8 Bluetooth:** Tap to enter the Bluetooth connection interface and play Bluetooth music

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

10 FM transmission: when turned on, the device will transmit the sound to the original vehicle

11Settings: Set system functions

A. **tachograph**

As shown in the figure above, the camera image will not be displayed in the main page, and the camera image needs to click the [dashcam] button to view.When a card is inserted, the system automatically enters the video mode, and when recorded, the small red dots in the [dashcam] button will flash.

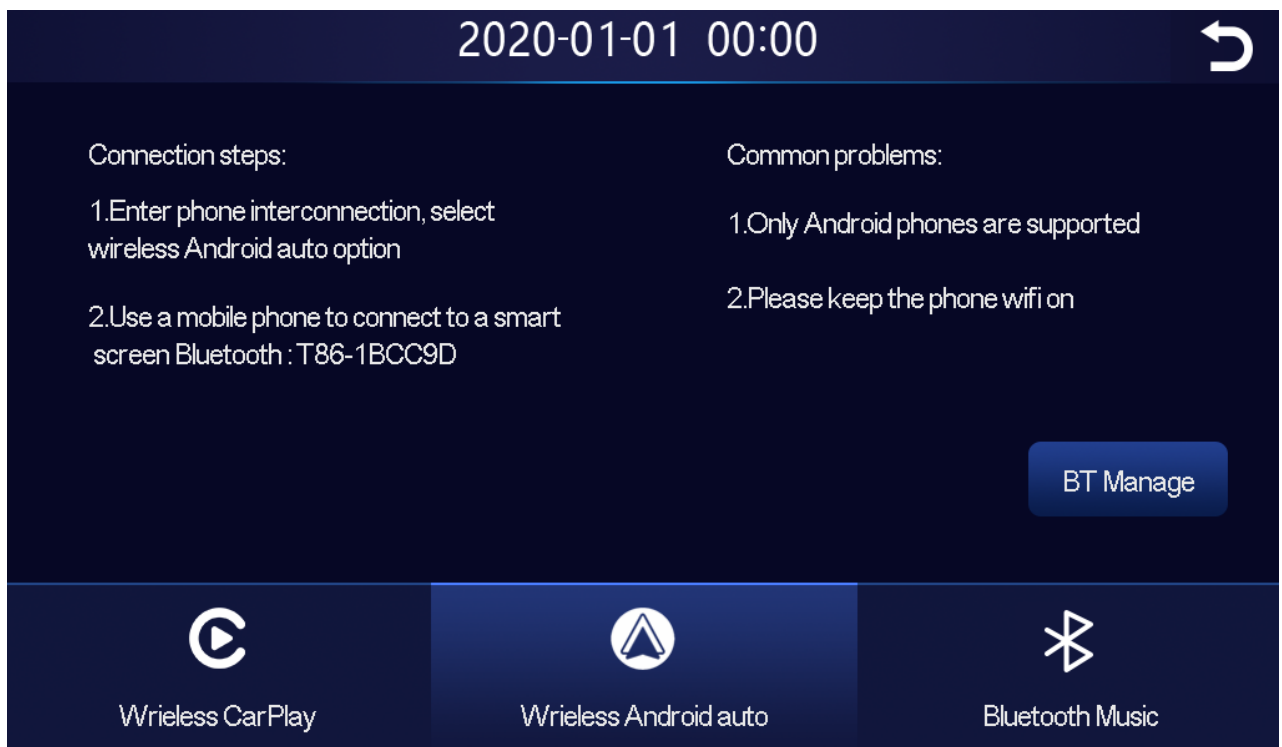# B. Mobile phone Internet, wireless carplay

As shown in the figure above, click the [Mobile Phone Internet] button to enter the wireless carplay and wireless Android AUTO selection, click the [Bluetooth Management] option of the interface, and connect to Bluetooth with the mobile phone, you can open the application.

(carplay option only supports iPhone phones, Android phone please select [Wireless Android AUTO] option)
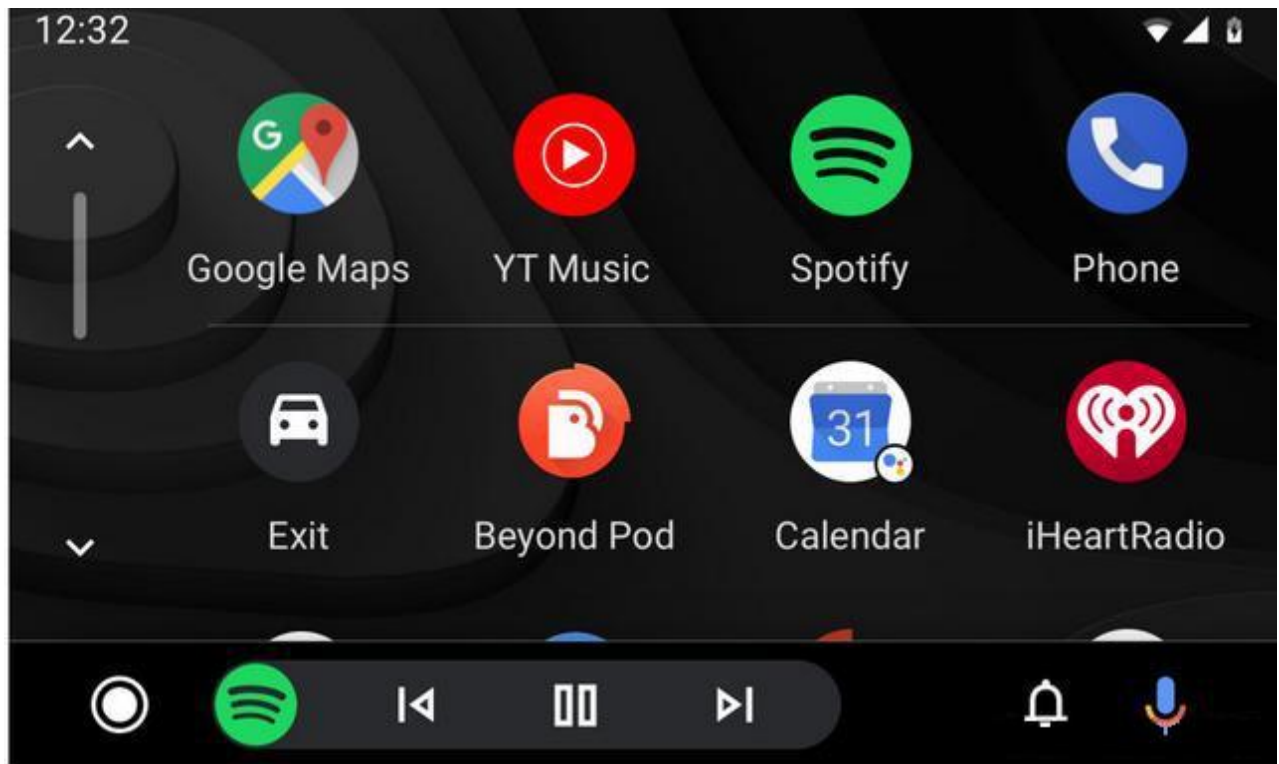
## C. Mobile phone Internet, wireless Android AUTO

As shown in the figure above, click the [Mobile Connection] button, select the

wireless Android AUTO option, click the [Bluetooth Management] option of the

interface, connect Bluetooth with the phone, you can open the application.

(Wireless Android AUTO option only supports Android phones, turn off WiFi button to connect)

D. Mobile phone Internet, wireless Bluetooth Music
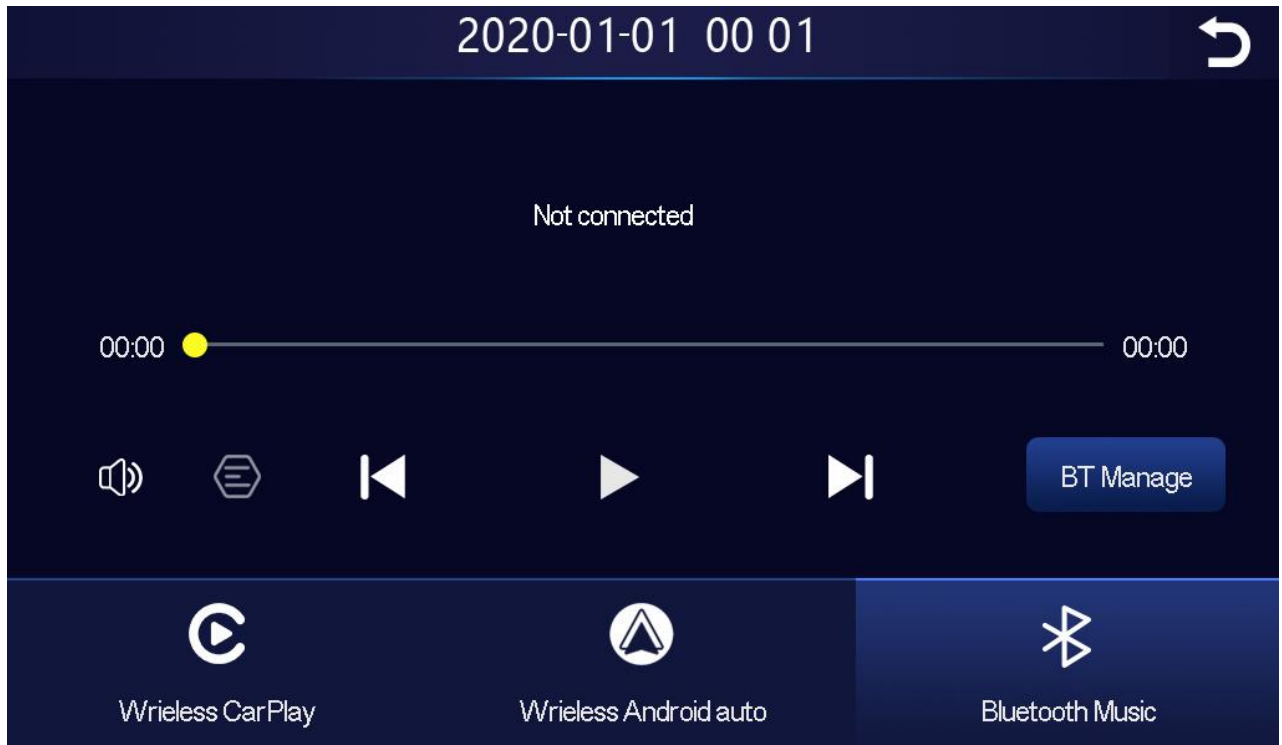
As shown in the figure, click the "Mobile Phone Interconnection" button and select wireless Bluetooth Music option. Click the "BT Manage" option on the interface to connect Bluetooth to the mobile phone and start playing Music.
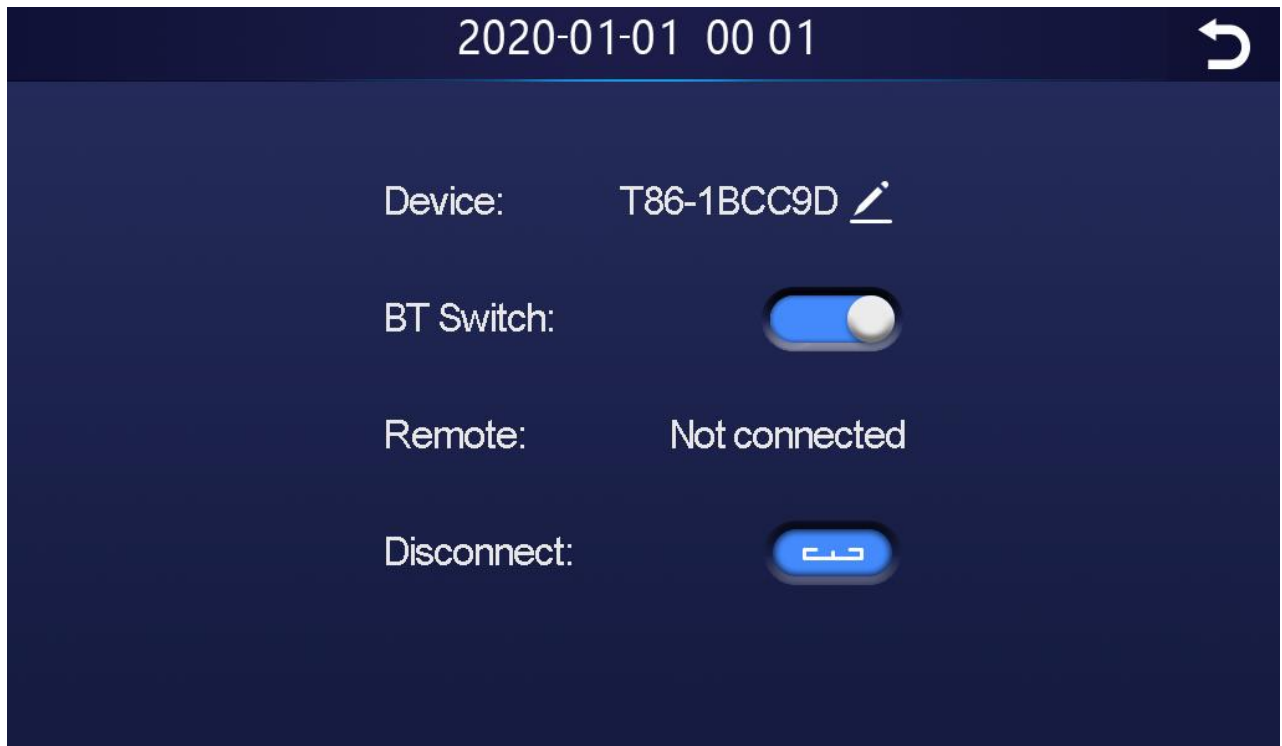

The buttons correspond to Last, Play / Pause and Next, respectively

Click on the [Lyrics] button to display the lyrics.Click the [Volume] button to adjust the volume size.

E. **Bluetooth**

As shown in the figure above, click the [Bluetooth] button to switch on the device after entering the Bluetooth interface.

The page will display the device name, such as: t86-1BCCC6, and click the [Modify] button to modify the Bluetooth name of the device.
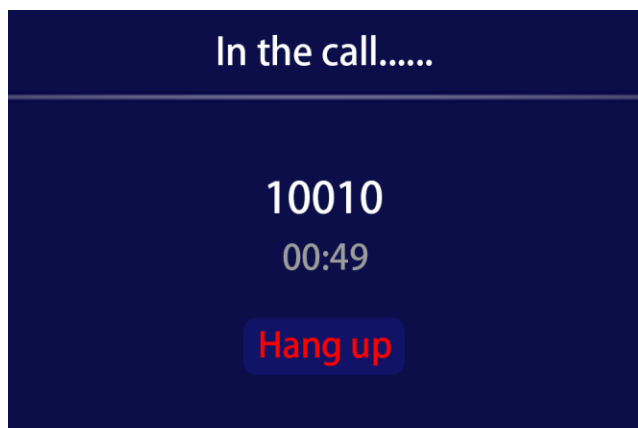

Select the device name with Bluetooth, and the remote device name of the phone will appear after successfully connecting.

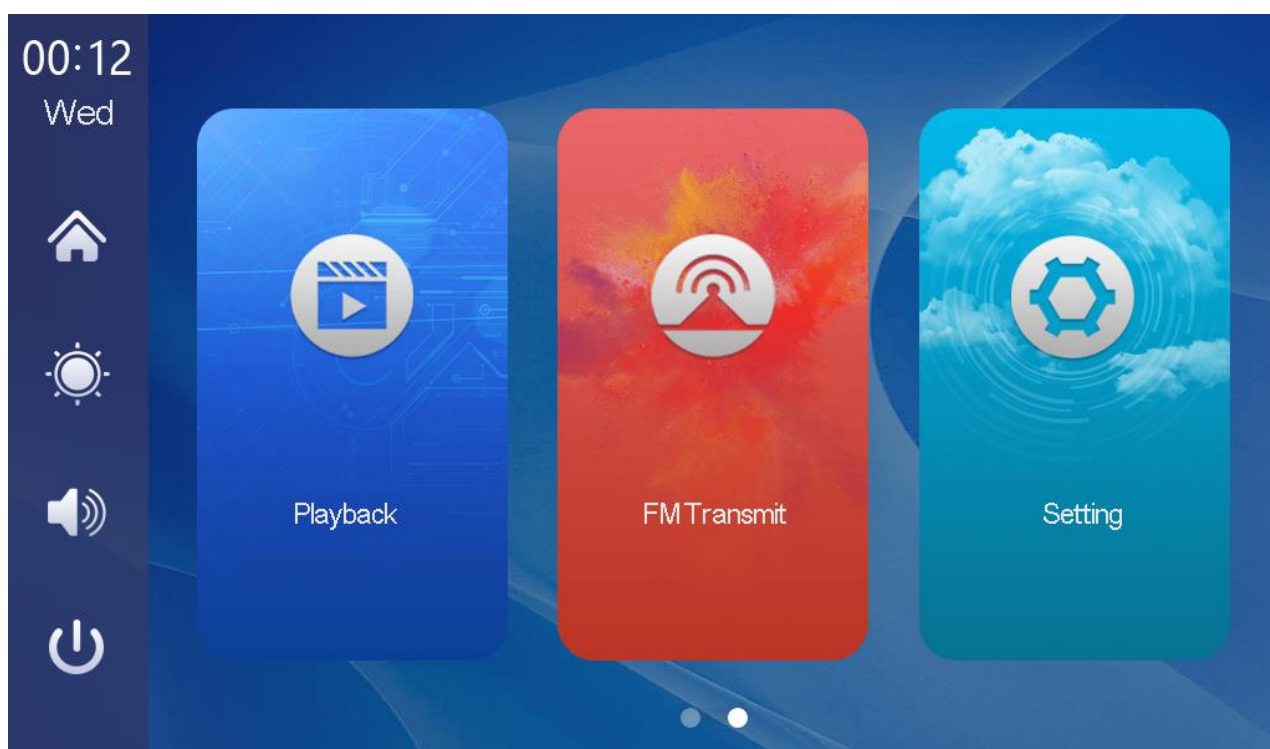At this time, you can play mobile phone music and other functions.

After connecting to Bluetooth, the call function.

In the call......

10010

00:49

Hang up

Click the [Disconnect] button to actively disconnect the Bluetooth.

F. playback

00:12
Wed

Playback

FM Transmit

Setting

As shown in the figure above, swipe the home page to view the next page options and click the [Video Playback] button on the second page to enter the video playback interface.
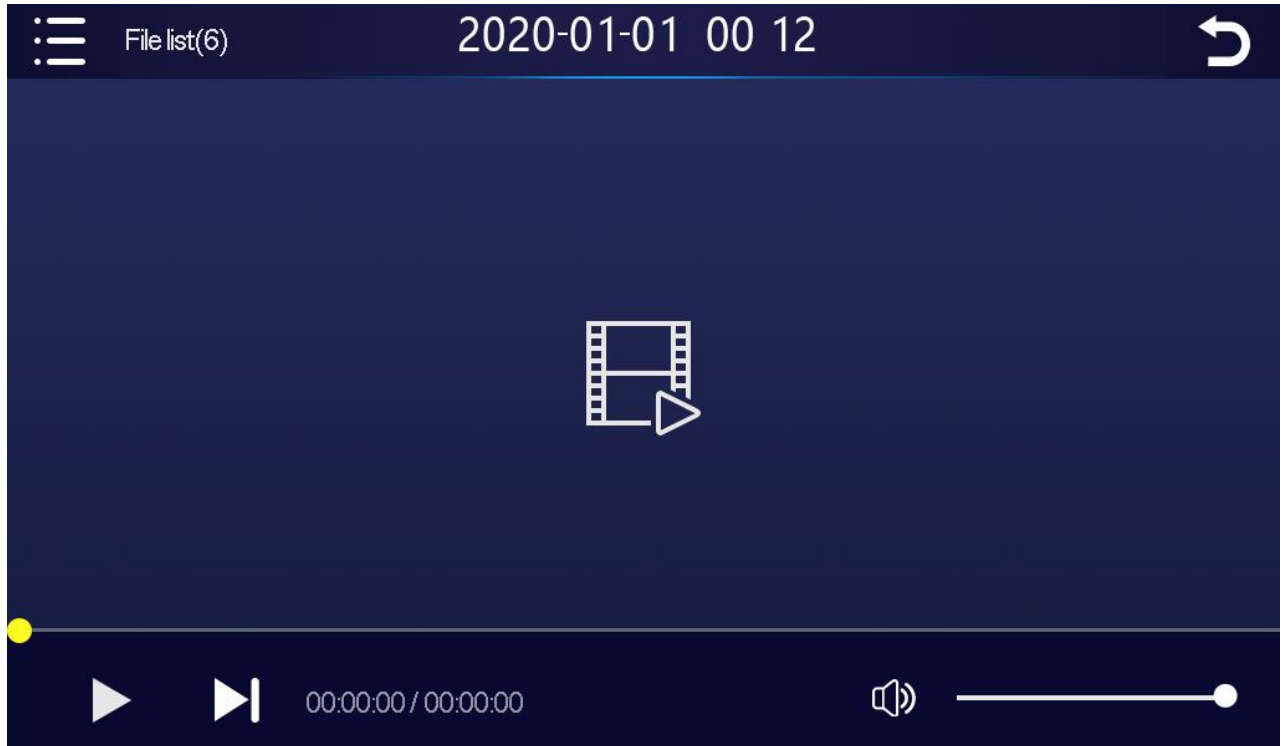
Click the [Menu] button in the top left corner to view the video video or parking surveillance video.

The lower left corner buttons correspond to: "Play / Pause" and "Next paragraph" respectively.

Click the [Return] button in the top right corner to return to the main interface.

Slide the volume bar in the lower right corner to adjust the volume.

Menu select [Loop Video] and select the video to be played back;

Select [Parking Monitoring], which is the video and video under the parking monitoring function;

To turn on the parking monitoring, find the [one second] button in the [Settings] menu.After selecting on, the vehicle can automatically enter the parking monitoring mode after the vehicle flameout.
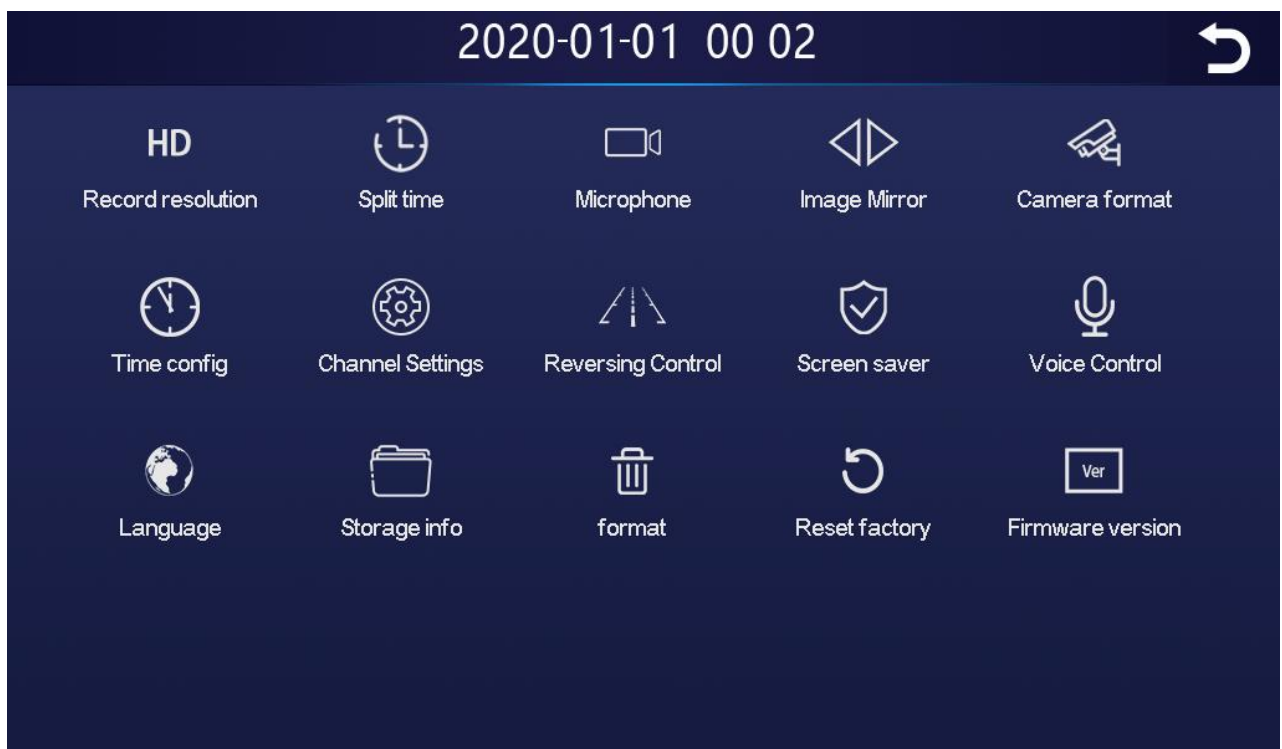
G. FM launch

① Click the [Open device] button.

② selects the frequency band to be emitted, for example, the FM 98.0 MHZ.

③ car radio also adjusts the acceptance band to FM 98.0 MHZ.

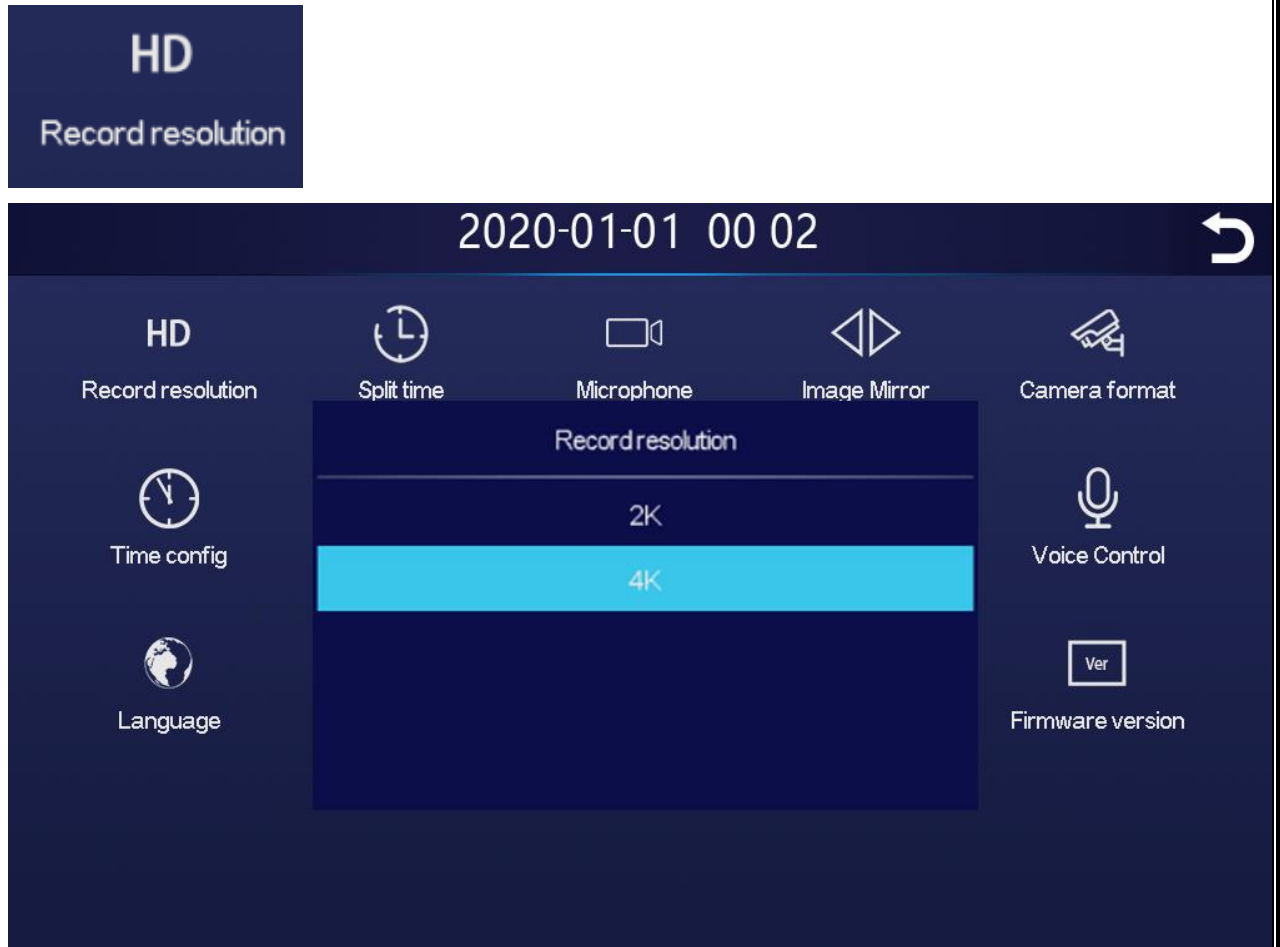④ car radio can connect to the FM transmission signal of the upper system.

After the FM launch connection is successful, all sounds will be sent to the original car speaker for play.
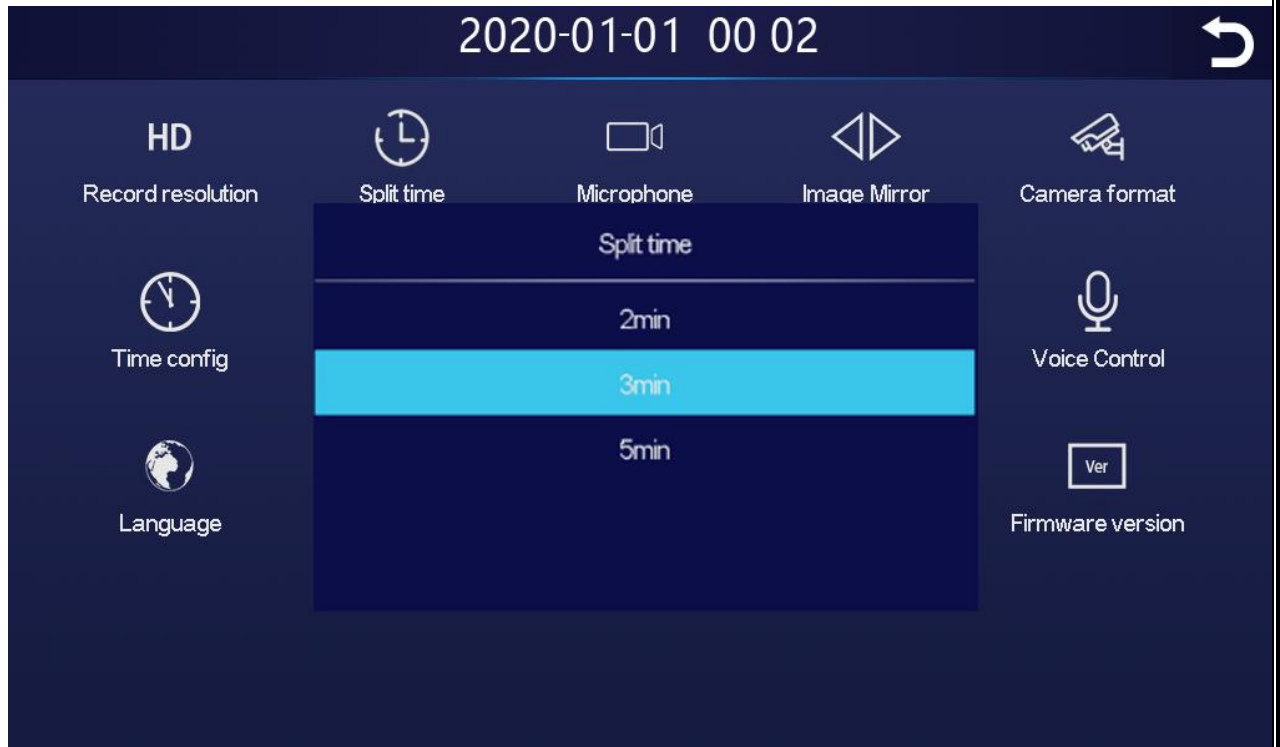
I. Set up the

Video resolution

Click to enter the video resolution settings:

Resolution selection: 2K/4K

Segmented time

Click "segmentation time" to enter the setting of the video segmentation time:
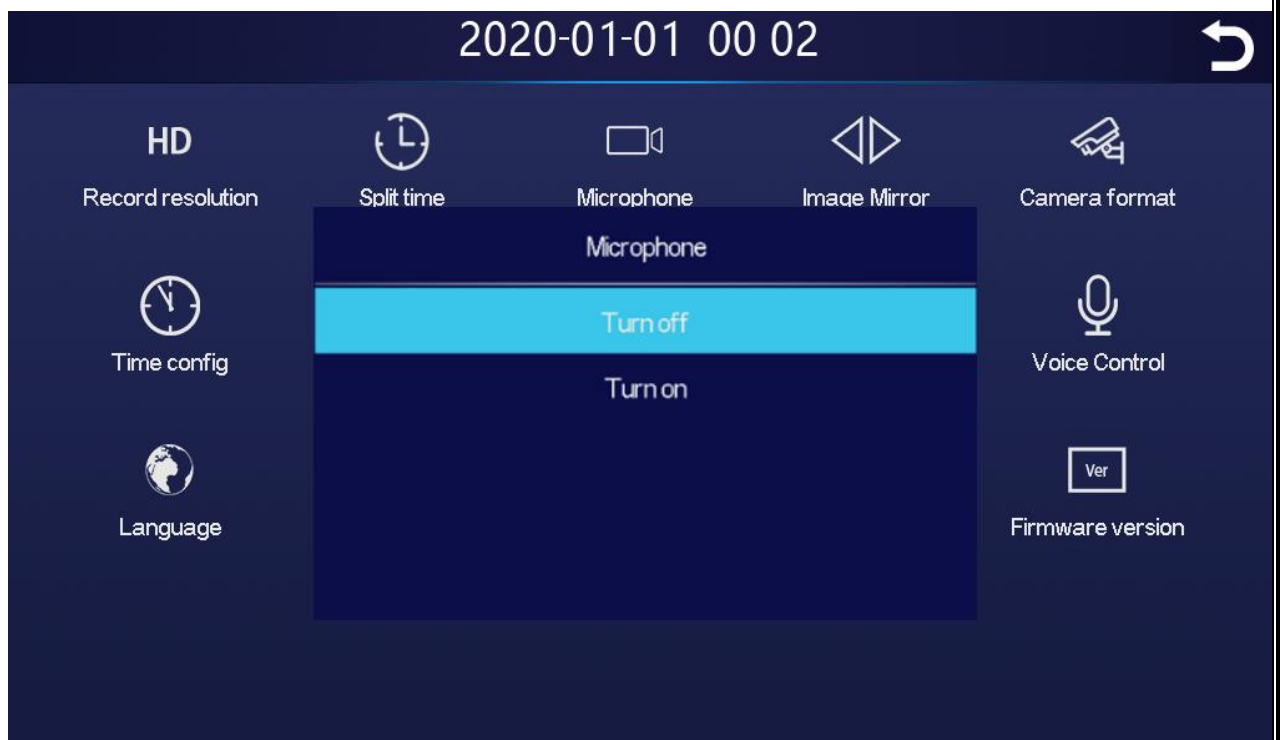
Video segmentation time is optional: 2 minutes / 3 minutes / 5 minutes.
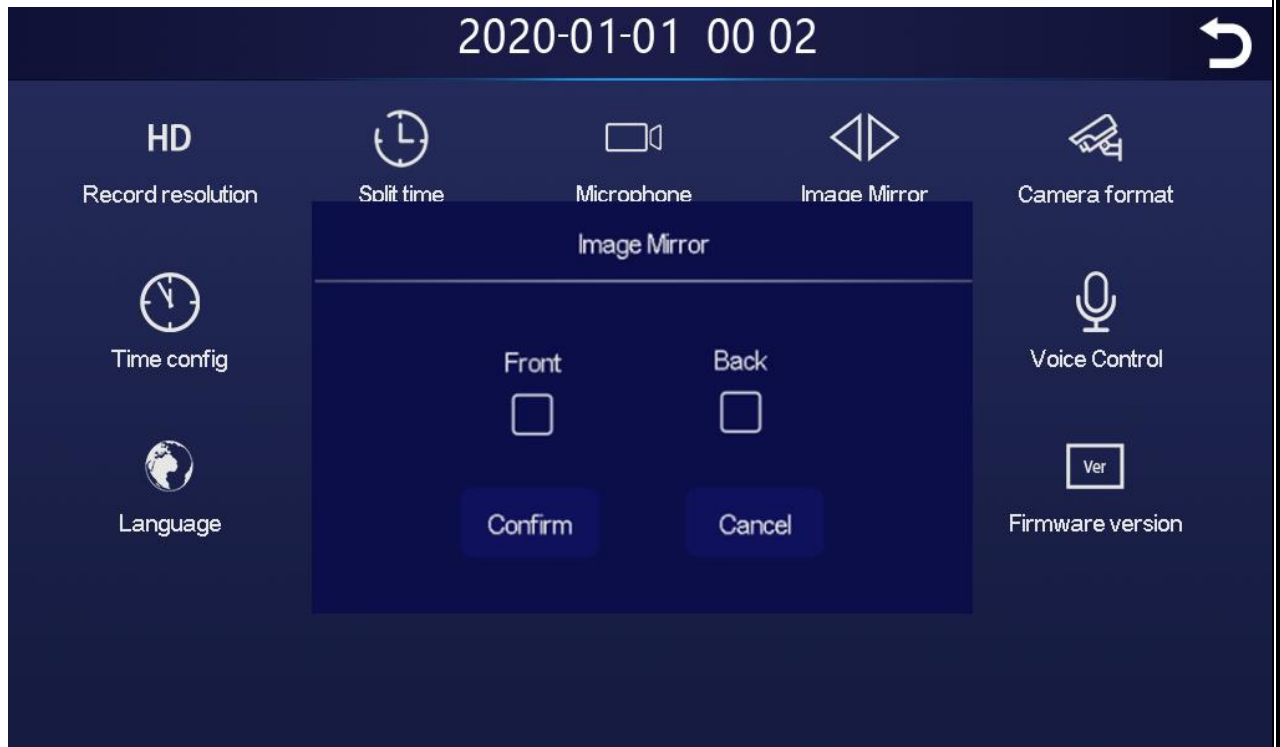
The system defaults to 3 minutes.

Video sound

Click "Video Sound" to enter the settings:

Opchoose to close or open.

Picture mirror image

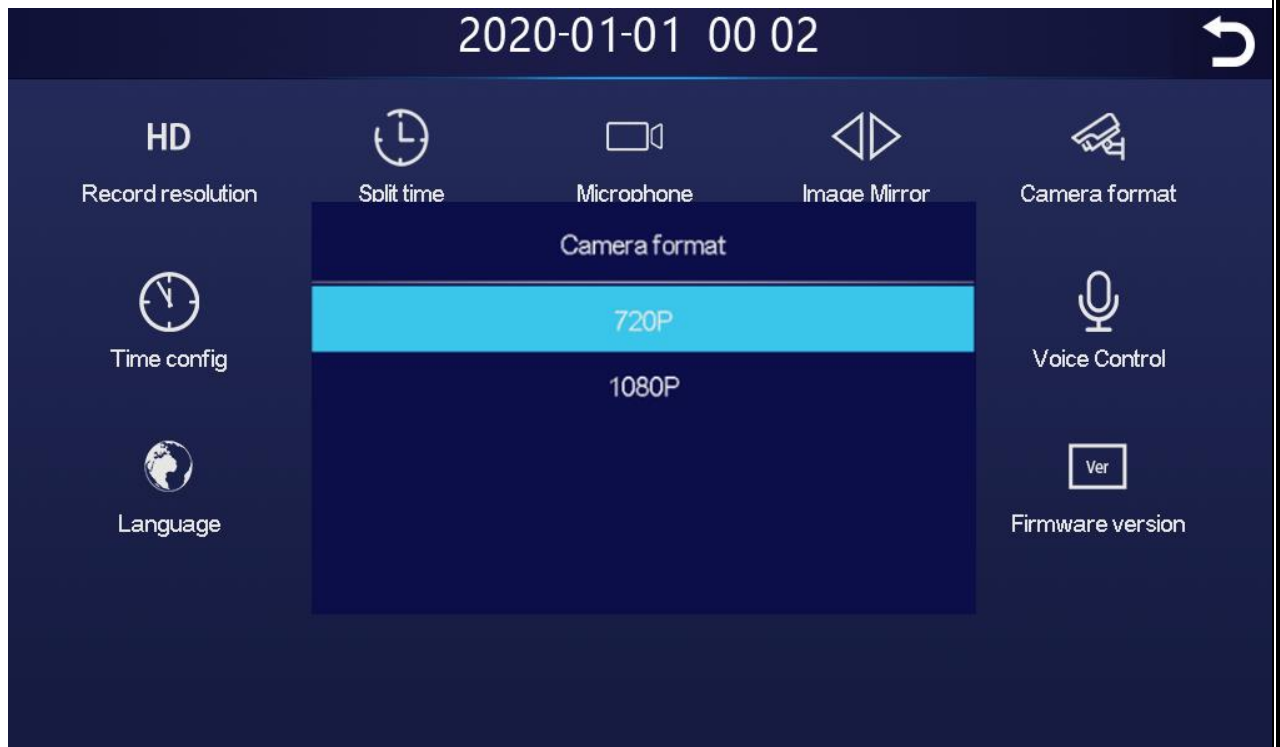Click "Image Mirror" to enter the settings:

The system can mirror the front / rear view camera separately.

Check the camera required for the mirror, and click OK.

This option makes it easier for customers to install the camera flexibly.

Camera system

Click on [Camera System] to enter the settings:

Camera is optional: 720P / 1080P

Two systems, choose the standard camera system

Note: Choosing the irrelevant camera system will lead to abnormal display and video images. If the camera display screen or color is abnormal, please check whether the corresponding camera system is selected.

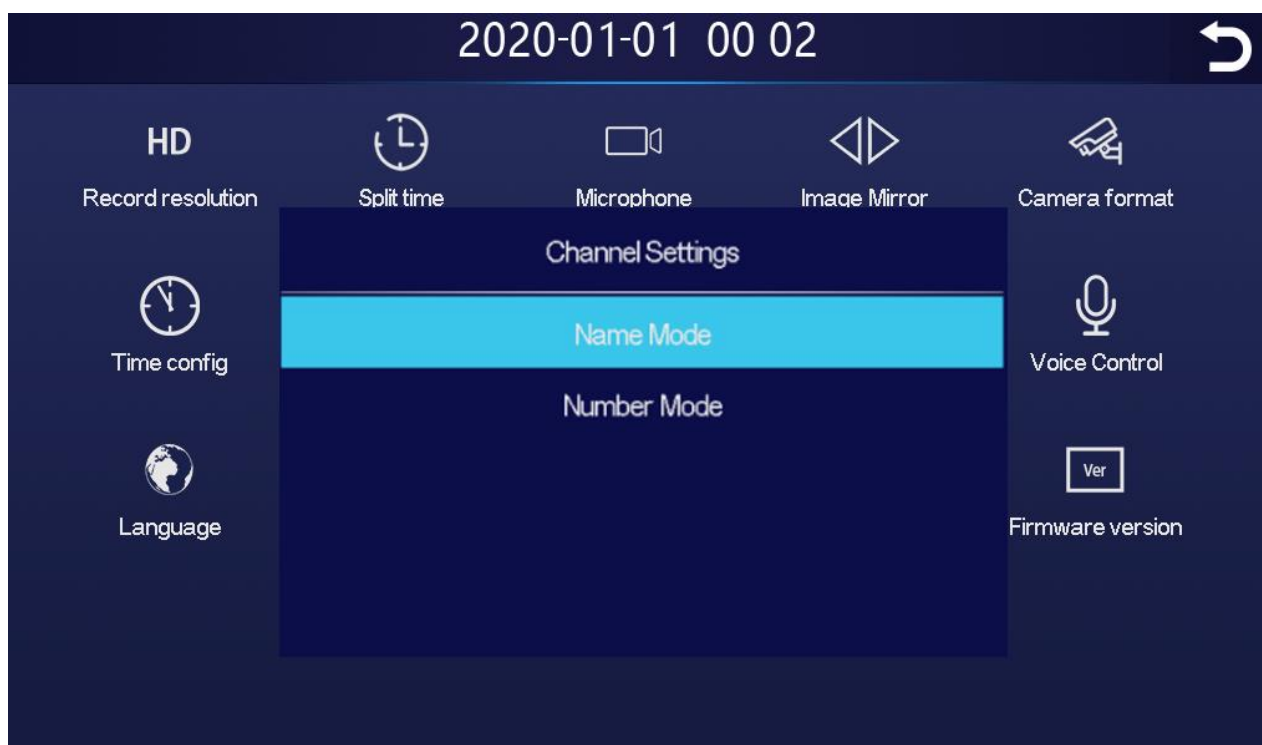**Time setting**

Click on "Time Settings" to enter the settings:
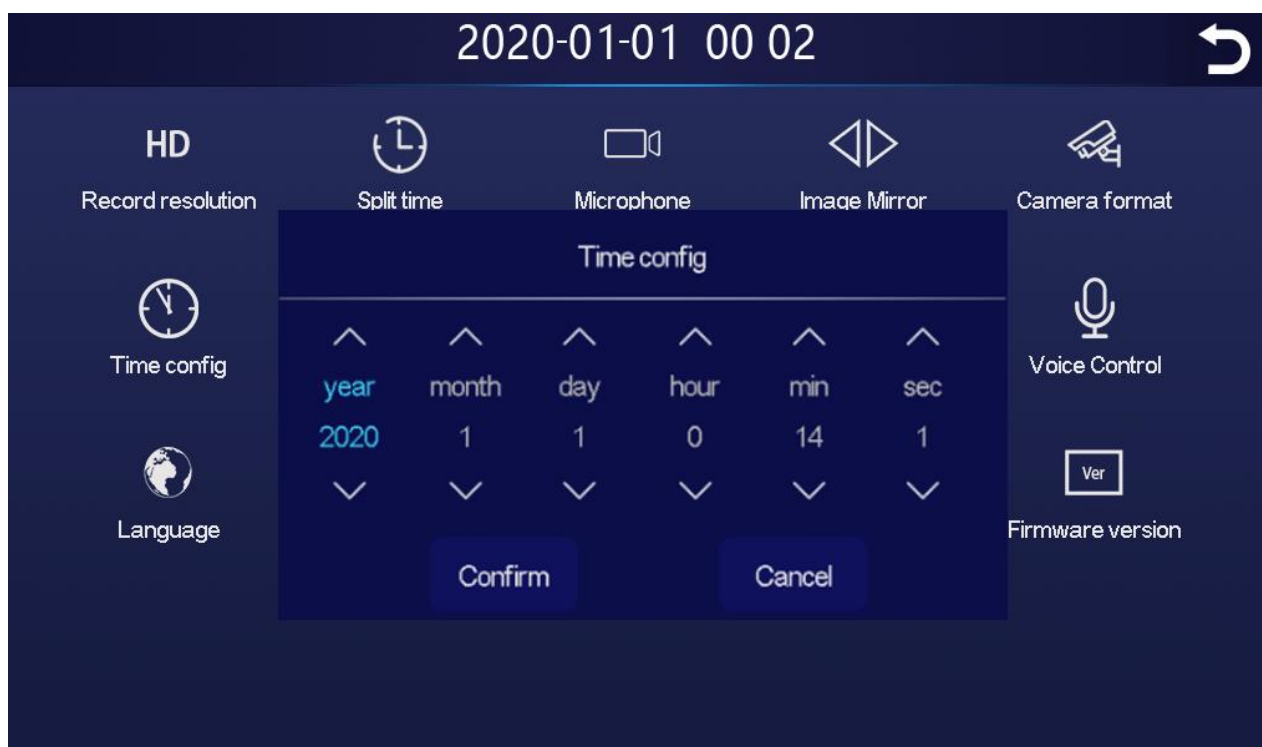
Set up separately: year / month / day / time / minute / second

Channel Settings

Click on [Channel Settings] to enter the settings:

You can choose: Name mode / serial mode

Name mode: bottom left corner in driving monitoring video [front] [rear]

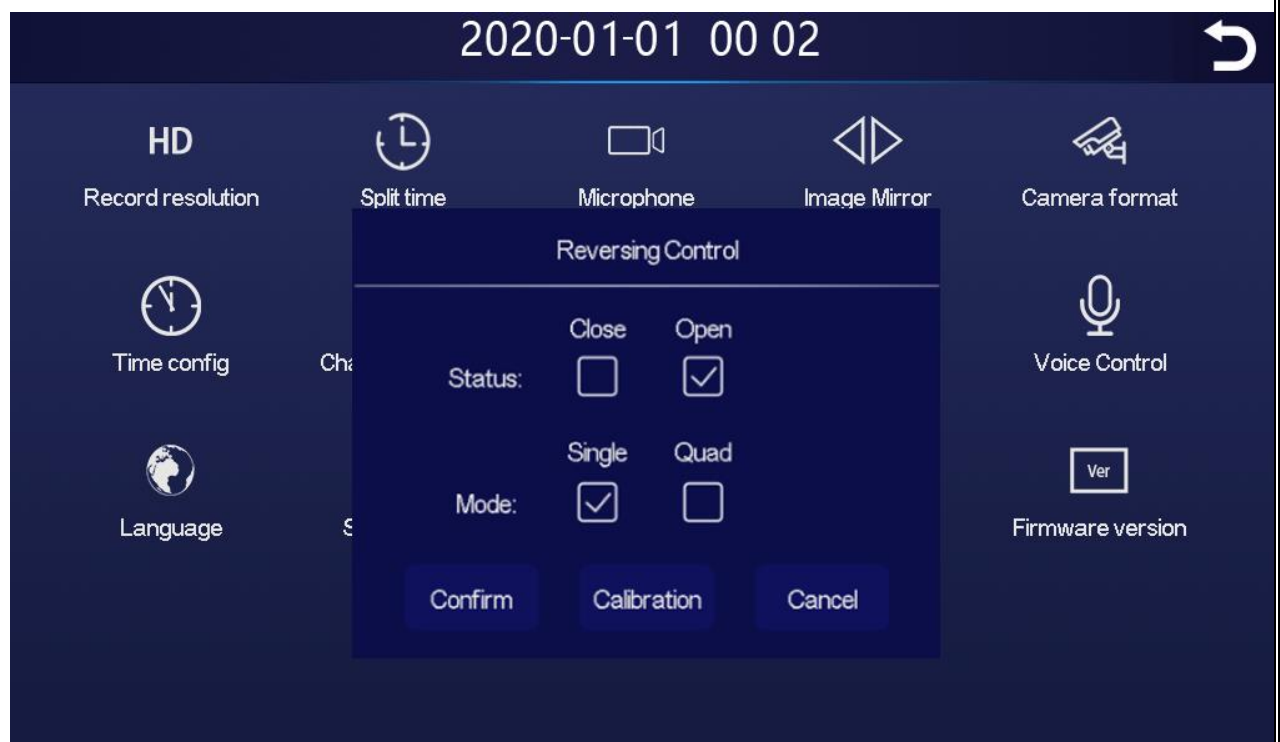Serial number mode: lower left corner of traffic monitoring video [CH1] [CH2]

Reverse control

Click on "Reverse Control" to enter the settings:

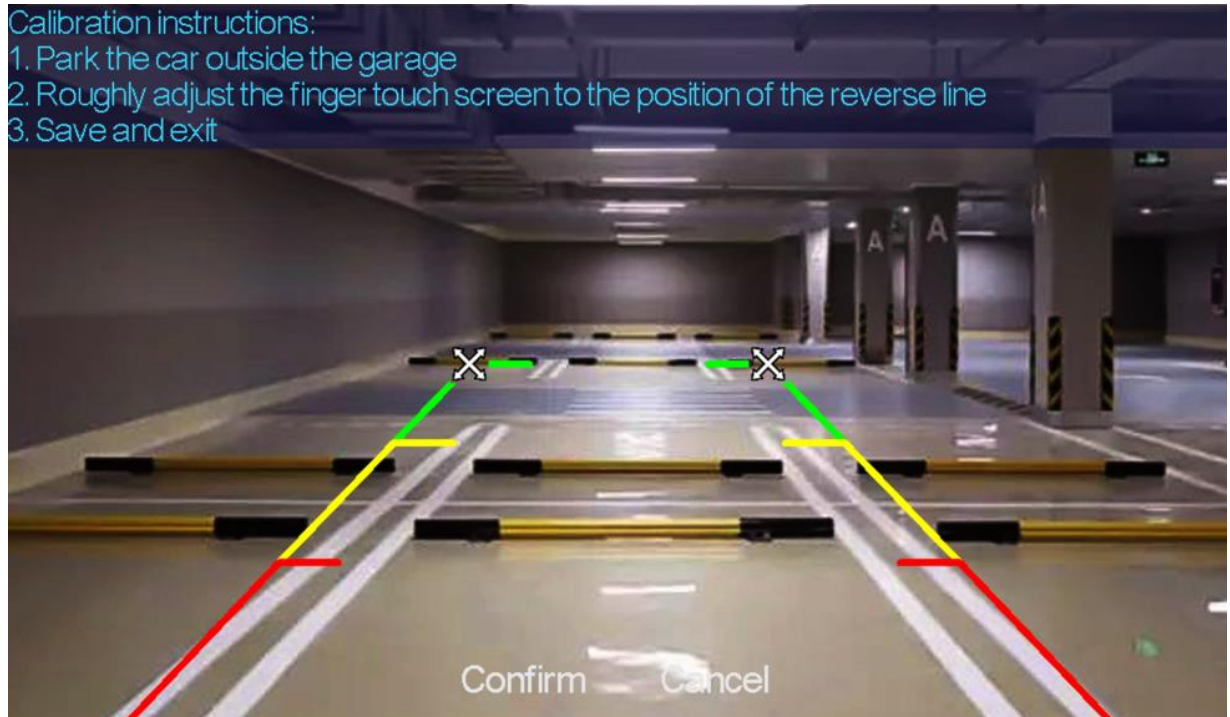The reversing line has two options: off / on

Close: The reverse assist line is not turned open at any time

Reverse assist line is optional: single screen display / multi-screen display

Click [Calibration] to enter the settings:

Park the car in the middle of the parking space.

 Manually drag the left, adjust the position of the reversing assist line up, left and right, so that the reverse assist line is horizontal to the parking line on the left of the ground.

Then drag the right side by hand, adjust the position of the reversing assist line up, down and down, so that the reverse assist line is horizontal to the parking line on the right side of the ground.

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

Screen protection

Click "Screensaver" to enter the settings:
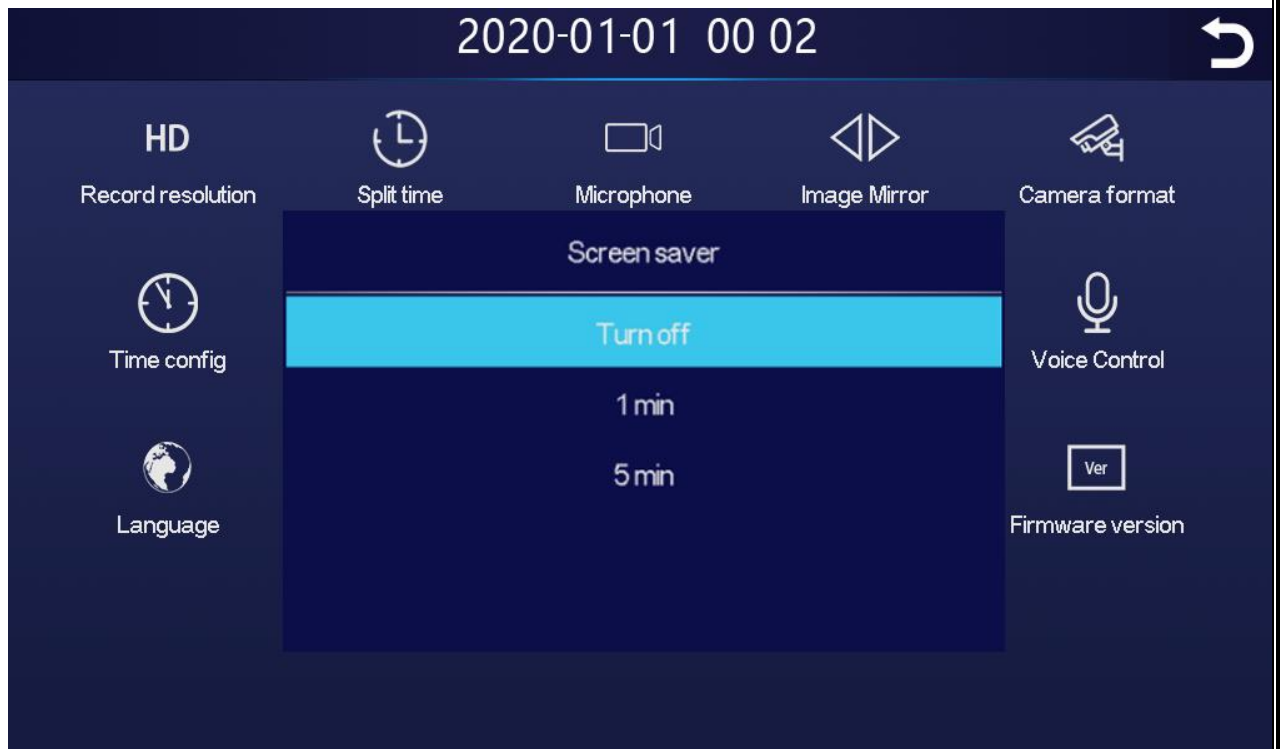
Screen savers can be set to: off / 1 min / 5 min

When set for 1 or 5 minutes, the system operates for no corresponding time, and the screen will automatically extinguish

After entering the screensaver, then press the power power button to light up the screen.

speech control

Click "Voice Control" to enter the settings:
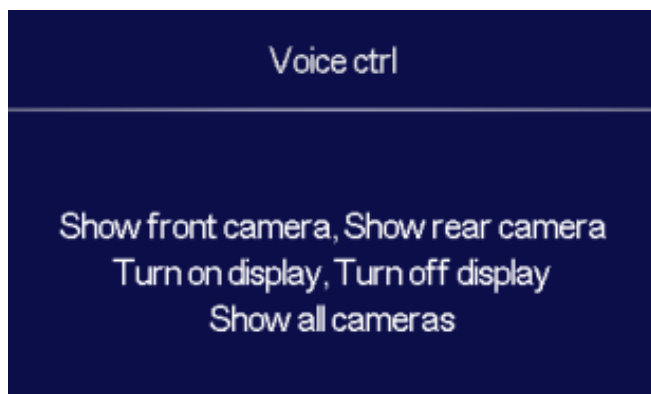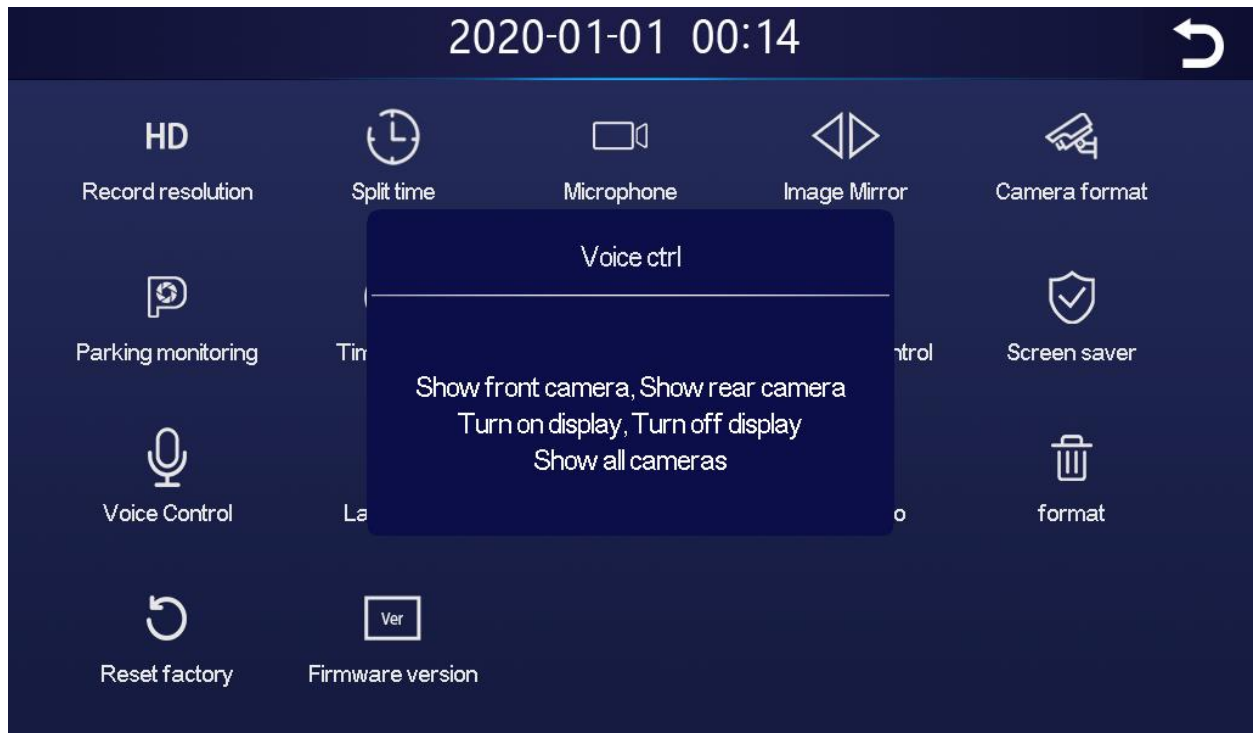
Voice control commands are:

1. Show front camera

2. Show rear camera

3. Turn on display

4. Turn off display

5. Show all cameras

Seven language control instructions, open the option, say the corresponding instruction entry in the video interface, and the system will conduct the corresponding operation.

language

Click "Language" to enter the settings:

Language can be set up: Simplified Chinese / Traditional Chinese / English

(English)

canned data

Click "Store Information" to enter the menu:

Display information inserted into the U disk, preceding the remaining

available capacity and following the total capacity of the U disk

format

Click "Format" to enter the settings:

This option formats all data information inserted

It is recommended to manually formformat the first insert U disk to ensure

sufficient card capacity

Note: It is recommended that users manually format the U disk regularly

factory data reset

Click "Resore Factory Settings" 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

return

Click the "Return" button in the upper right corner, and the system returns to

the home page interface.

FCC STATEMENT

1. 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.

(2) This device must accept any interference received, including interference that may cause undesired operation.

2. 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.

FCC Radiation Exposure Statement

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

IC warning

- English:

This device complies with Industry Canada's licence-exempt RSSs. Operation is subject to the following two conditions:

(1) This device may not cause interference; and
(2) This device must accept any interference, including interference that may cause undesired operation of the device.

This equipment complies with Canada's 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

- French:
Le présent appareil est conforme aux CNR d'Industrie Canada applicables aux appareils radio exempts de licence. L'exploitation est autorisée aux deux conditions suivantes :
(1) l'appareil ne doit pas produire de brouillage, et
(2) l'utilisateur de l'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement."

Cet équipement doit être mis en place dans un environnement favorable à l'environnement. Ce matériel devrait être installé et se dérouler avec une distance minimale de 20cm entre les deuxRadiateur et votre corps