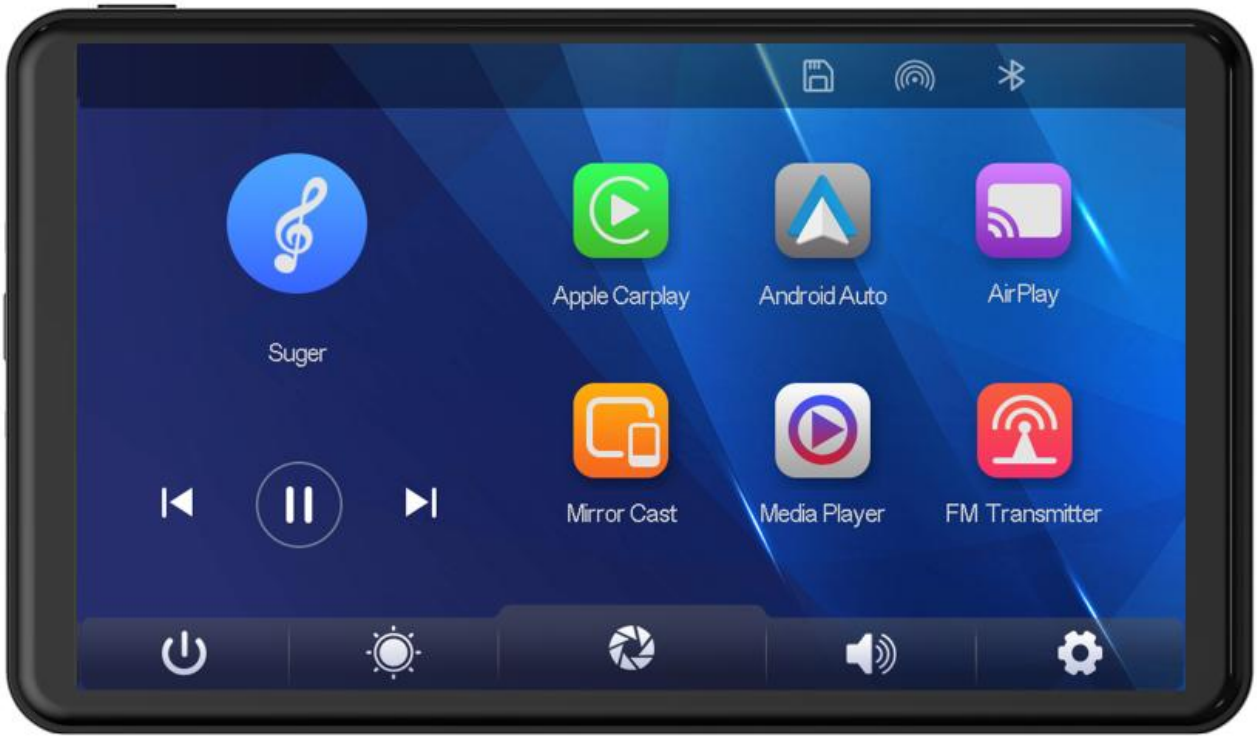
Smart Screen Player

Product specification



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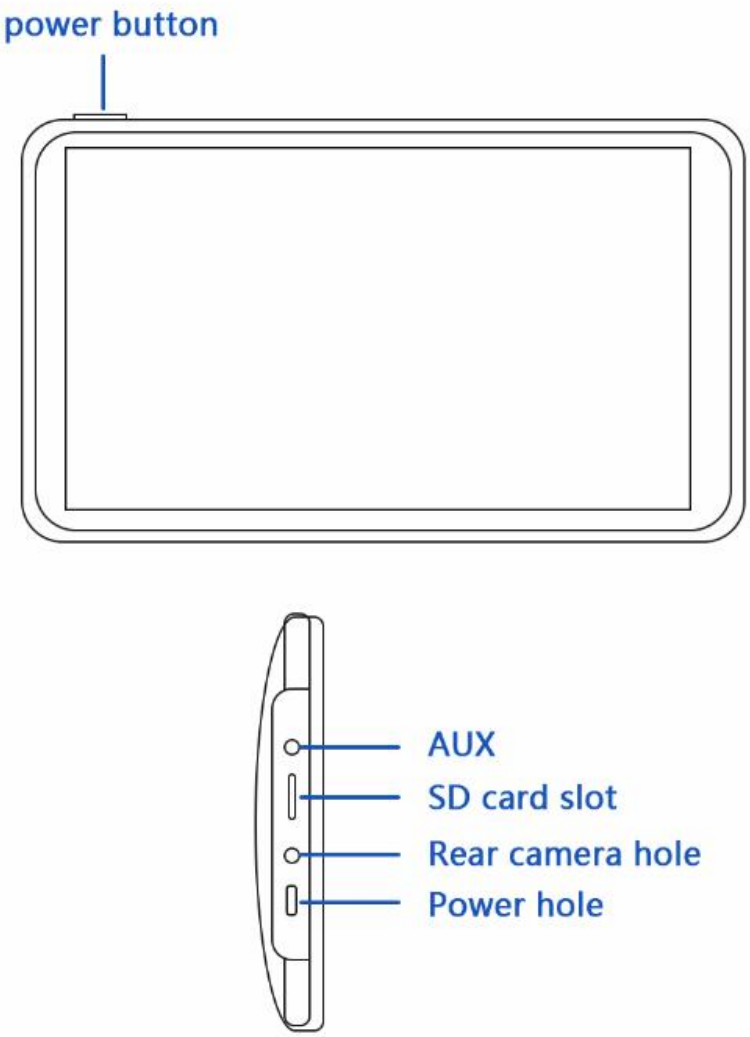
1. Product overview

The uses a wide-angle camera mounted in the rear of the car to capture images of the rear area and transmit them to the real-time integration equipment. With the help of this system, drivers can intuitively and effectively see obstacles and pedestrians in the rear of the car, reducing the occurrence of collisions and other accidents. This product can also play movies and music from the SD card. You can play music while driving and watch movies while resting.



2. Product composition list

List of Accessories:

name	graphic	instructions	number
The host·		FHD display / touch control/Bluetooth / Wi-Fi / FM Transmitter / Type C interface power supply	1
The power cord		Type C power cable / 7V-32V /3A current/integrated line/cigarette lighter	1
Pull back camera		AHD FHD (1080P)/4PIN BMW camera	1
Pull the headphone extension cord back		Pull back headphone cable / 6m /2.5mm headphone +4PIN BMW head/double shield/with reverse cable	1
Monitor base		To support the display and fix it on the center console	1
Camera extension cord		Rear view / 10m/BMW head/one male and one female / dual shielding /4 cores	1

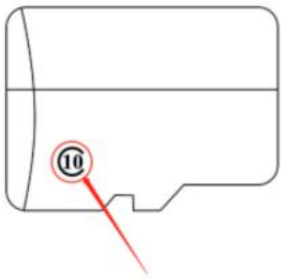
3. Product description

Project	Function introduction	Performance indicators
system	language	Simplified Chinese / Traditional Chinese / English / Russian / Spanish / French / Germa / Japanese / Korean / Italian / Portuguese / Russian
	Operation interface	Graphical menu operation
	Mode of operation	Touch
Video display	Real-time display	FHD IPS screen
	The screen saver	Screen savers can be set to: off / 1 min / 5 min
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 / Android Auto / Apple AirPlay / MirrorCast
	Bluetooth	Support Bluetooth music playback
	FM	FM Transmitter support, connected to the car radio
The video store	SD card	Play movies and music
Audio part	The microphone	Support voice control, menu can be set to turn off
Power part	The power input	The voltage drop line supports 7V~32V wide voltage and has power protection circuits such as surge, overload, overvoltage, undervoltage and short circuit
Other	Working temperature	-4~149 ℉

	The cooling way	Passive cooling
	camera mirroring	The camera supports mirror display, and the menu can be set

4. Specification requirements of SD card

SD card can be used to store movies and music, which can be played after being inserted into the machine. lease use SD cards from major brands such as SanDisk, Kingston, Toshiba, and Samsung, Speed certification must be at least Class10.



5. Wiring instructions

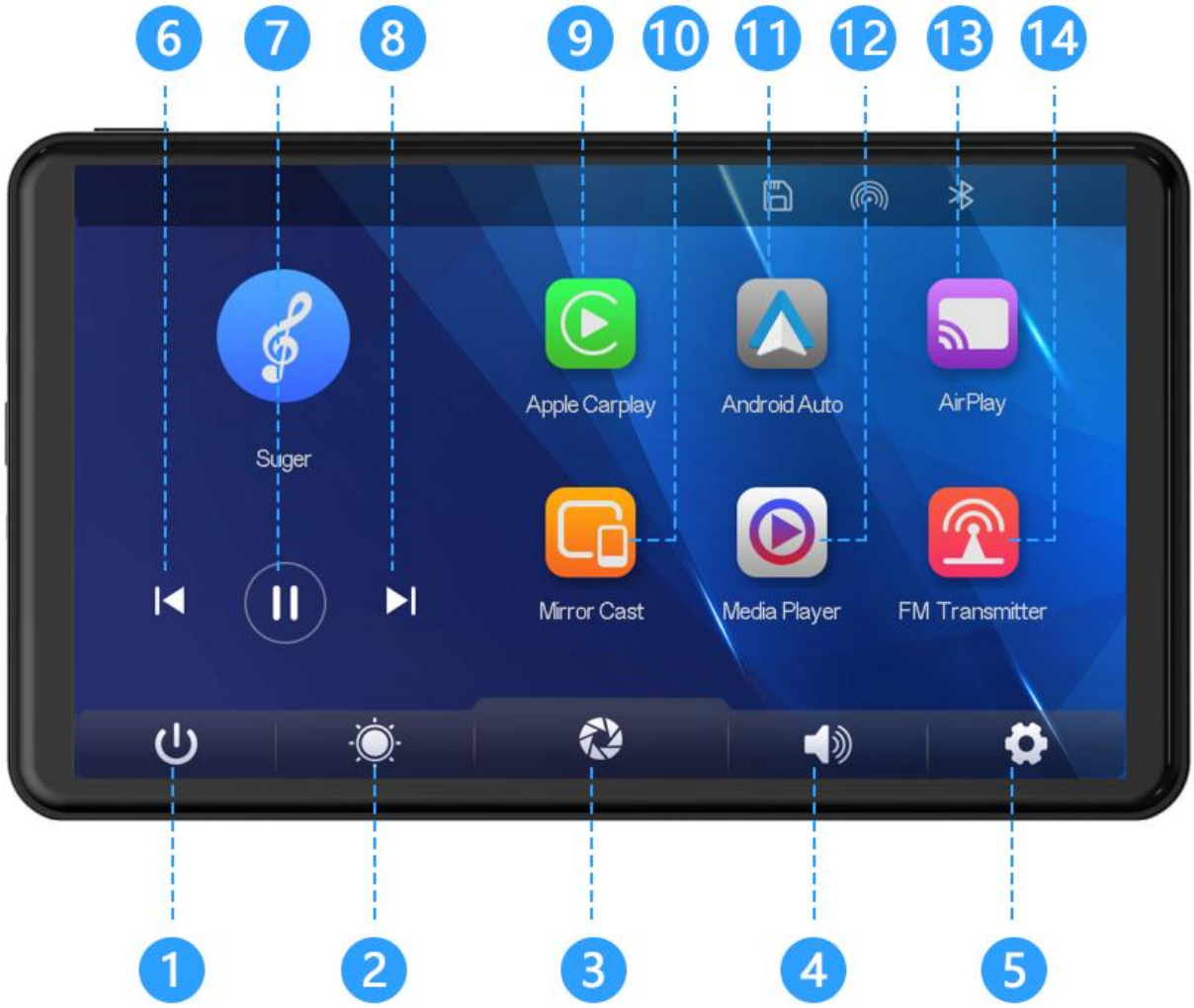
The details are as follows:

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.

7. Interface specification



1.Screen off: tap to turn off the screen

2.Brightness: tap to adjust screen brightness

3.Camera: Click to view the rear camera screen

4.Volume: Click to adjust the volume

5.Settings: Click to enter the settings interface

6.Previous song: Click to switch to the previous song

7.Play/Pause: Tap to play/pause music

8.Next song: Click to switch to the next song

9.Apple CarPlay: Special connector for iPhone

10.Android Auto: Special connector for Android mobile phone

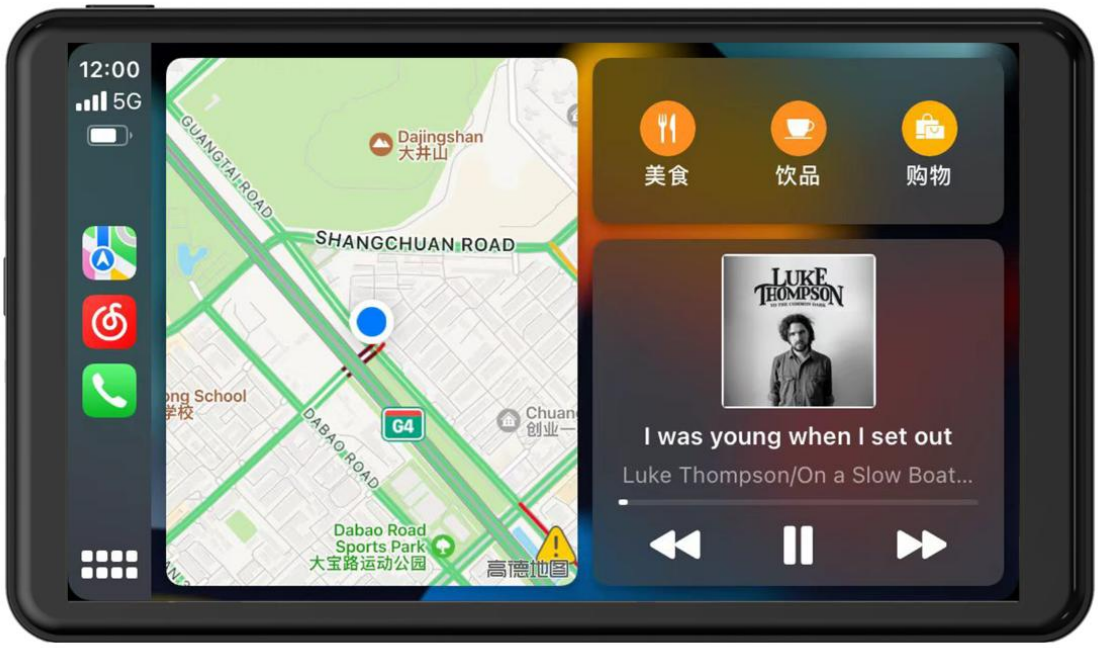
11.AirPlay: Apple mobile phone can mirror screen

12.Mirror Cast： Android phone can mirror screen

13.Media Player: Click to play video or music

14.FM Transmitter: When turned on, the device will transmit the sound to the original vehicle

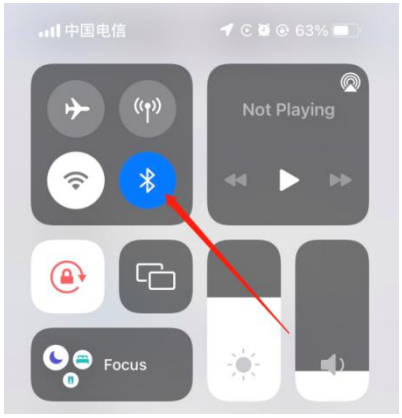
A. Apple Carplay



As shown in the figure, click the [Apple CarPlay] button to enter the Apple CarPlay. Turn on the Wi-Fi and Bluetooth of the mobile phone first, then as shown in the figure below, select the [Apple CarPlay] option, click the [BT Manage] option of the interface, connect Bluetooth with the phone, you can open the application. When the machine is powered on, it will try to automatically connect to the last connected phone.

（Turn off Wi-Fi button to disconnect. the Apple Carplay option only supports iPhones，**Turn off the phone Wi-Fi button to disconnect**）

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.


中国电信
63%
Not Playing
Focus

①

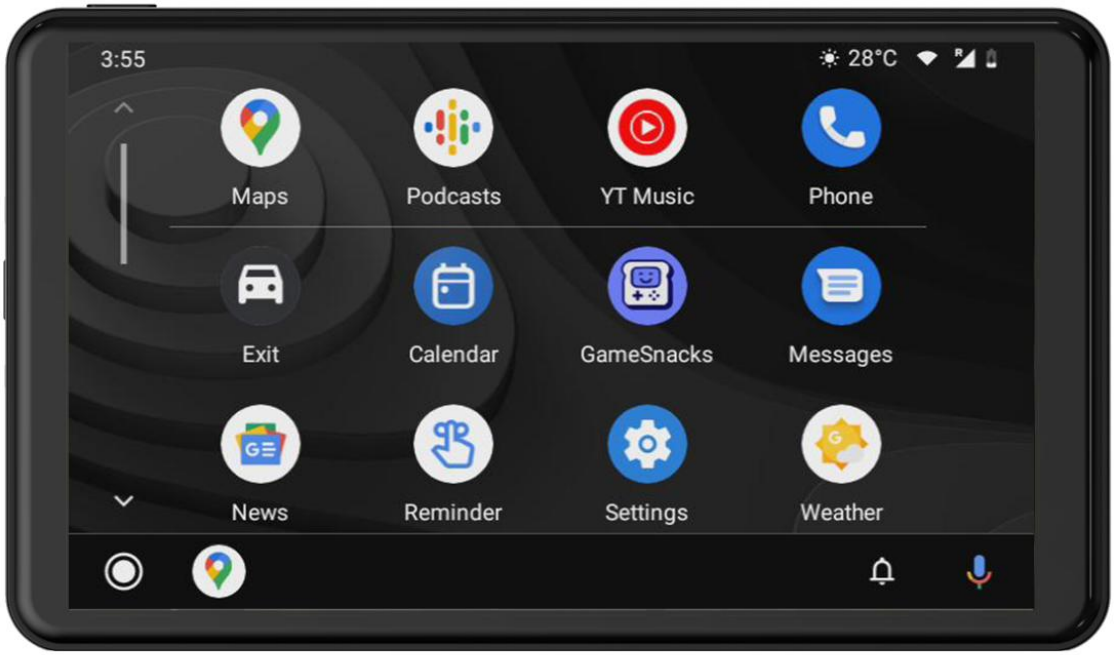
中国电信
63%
Not Playing
Disconnect CarPlay?
Enabling WLAN will end CarPlay.
Cancel
Disconnect

②

中国电信
63%
Not Playing
Focus

③

B. Andorid Auto



As shown in the figure, click the [Android Auto] button to enter the Android auto. Turn on the Wi-Fi and Bluetooth of the mobile phone first, then as shown in the figure below, select the [Android auto] option, click the [BT Manage] option of the interface, connect Bluetooth with the phone, you can open the application. When the machine is powered on, it will try to automatically connect to the last connected phone.

(Turn off Wi-Fi button to disconnect)

After replacing the mobile phone, the connection data of the previous mobile phone will be erased.

C. AirPlay

Airplay can transmit video, audio and pictures from iPhone device to car equipment. The carrier of transmission is WiFi, which is fundamentally different from Bluetooth wireless.

1. Requires an iPhone to connect to WiFi

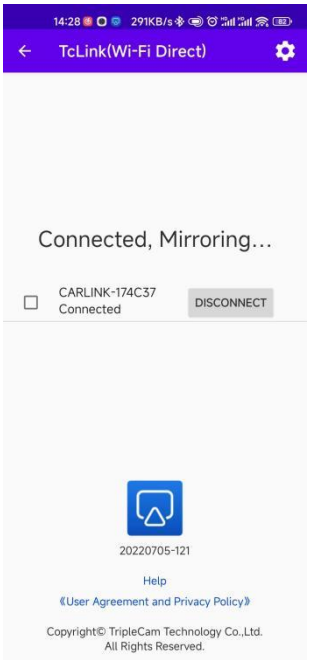
2. Select SmartScreen in Screen Mirroring in the iPhone Control Center

Note: Only support iPhone

D. Mirror Cast

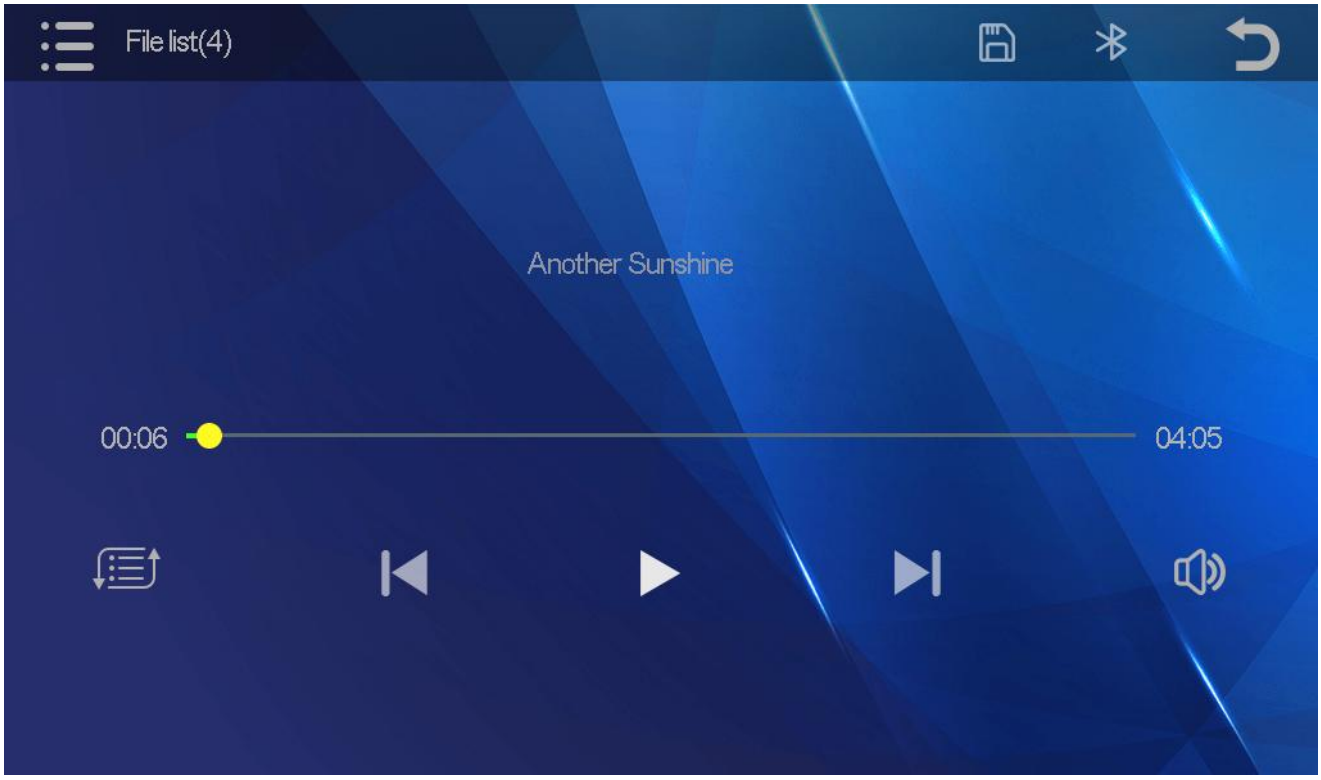
It can realize the mirror projection of the mobile phone and the car machine.

You need to scan the code with your mobile phone to download, install and run the "TcLink" application.



Note: Only supports Android phones

E. Bluetooth Music



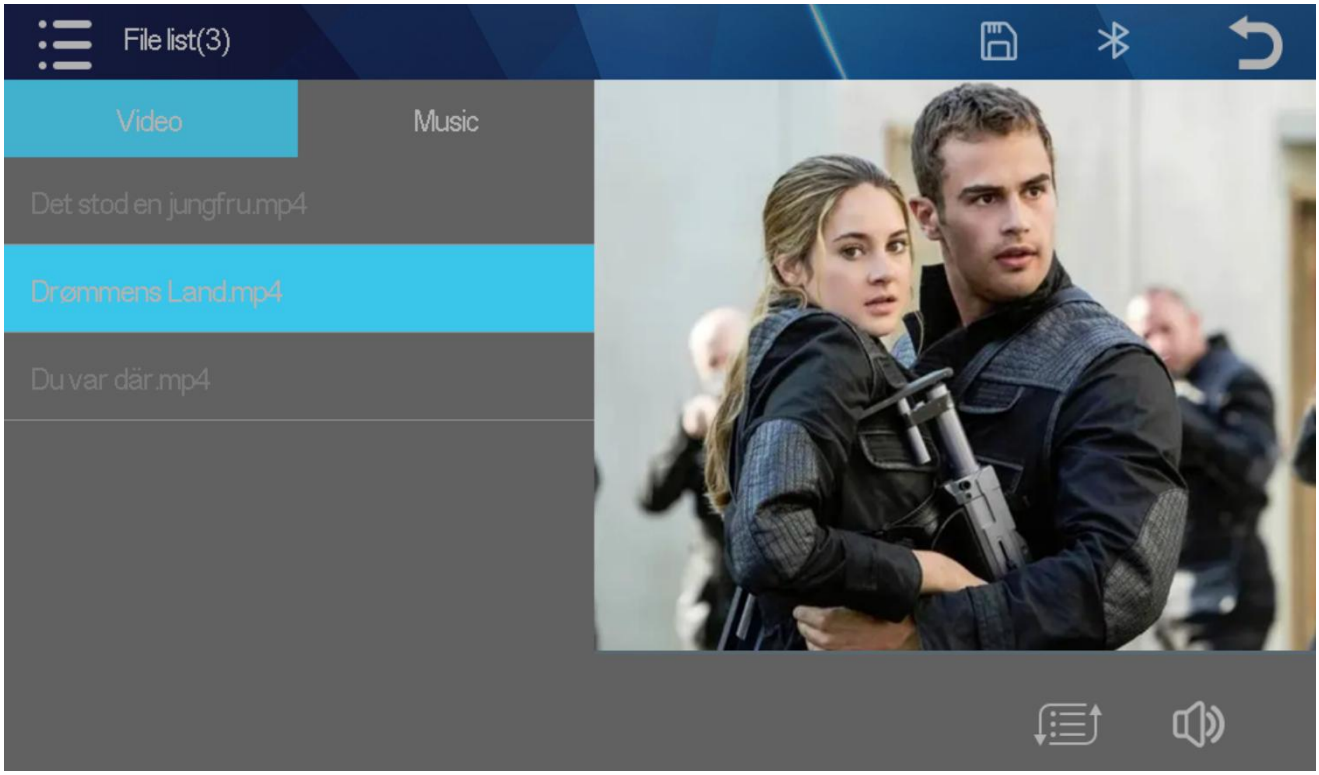
Turn on the Wi-Fi and Bluetooth of the mobile phone first, and select [Bluetooth Music] option. Click the [BT Manage] option on the interface to connect Bluetooth to the mobile phone and start playing music.

The buttons correspond to "previous song", "play/pause" and "next song" respectively.

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

F. Media Player

As shown in the figure above, click the [media player] button to enter the movie and music playing interface.



Click the【file list】to select the music playing mode and play the music on SD Card.

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.

Video support format	Coding format
F4V	AVC（H.264)
MOV	AVC（H.264)

MP4	**AVC（H.264）**
TS	**AVC（H.264）**

Audio format support: MP3 / WAV

G. FM Transmitter

As shown in the figure, click the [FM Transmitter] button to enter the FM Transmitter function: it can emit the sound of the equipment, receive it with the original car radio, and play it through the original car horn, enjoying the original car level. When you turn on the FM Transmitter option, the monitor will no longer emit any sound. At this time, you need to turn off the FM Transmitter or match the sound to the car's builtin stereo to have sound.

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

① Click the Open device [ ] button.

② Selects the frequency band to be emitted, for example, the FM 106.0 MHZ.

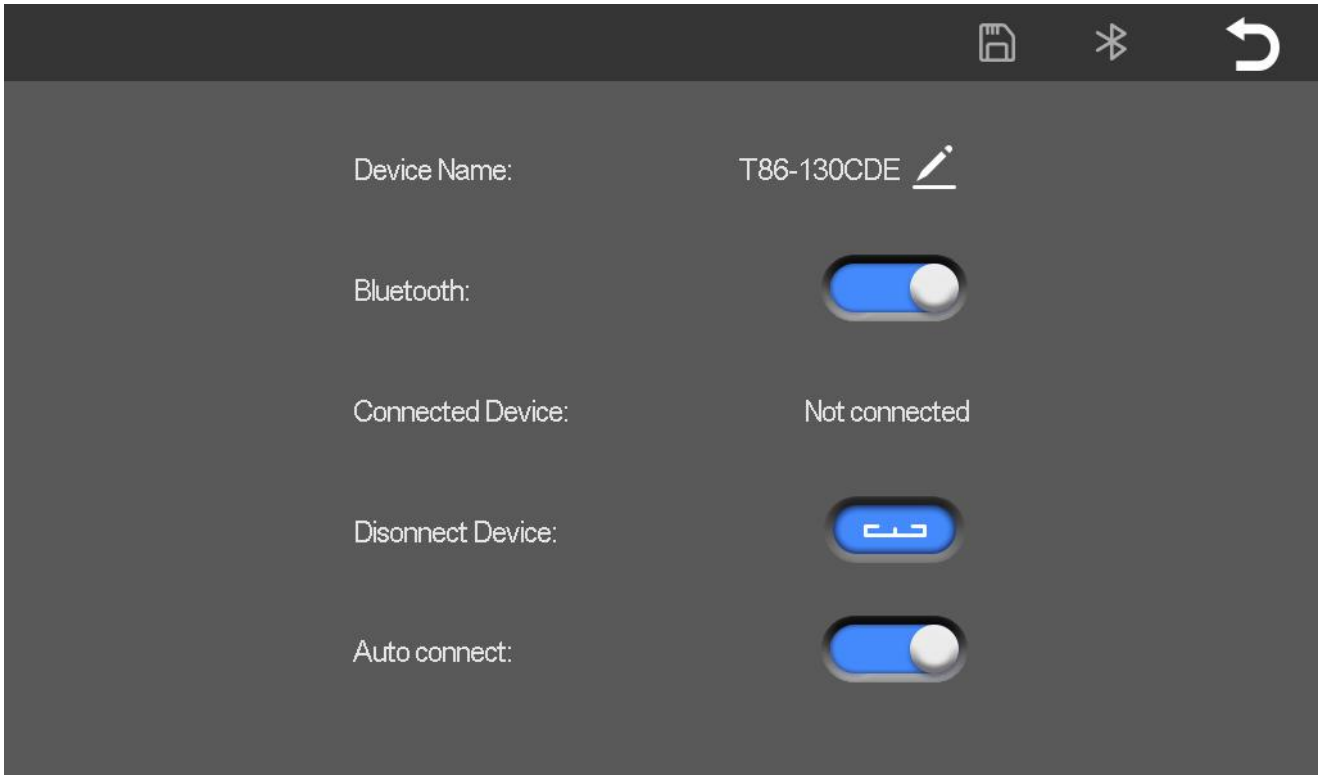
③ Car radio also adjusts the acceptance band to FM 106.0 MHZ.

④ Car radio can connect to the FM Transmitter signal of the upper system.

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

On behalf of FM mode, please adjust the volume on the original car.

H. Bluetooth



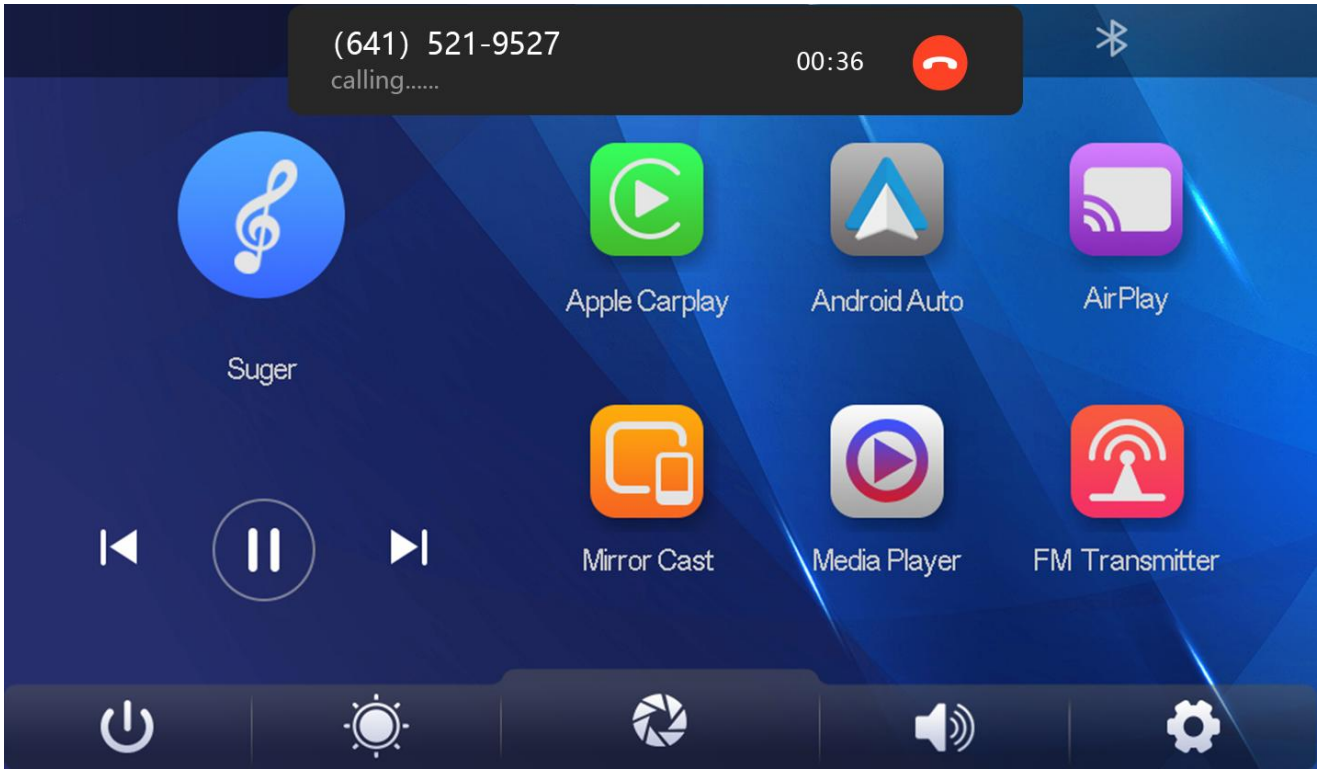
As shown in the figure above, click the Bluetooth button [ ] to switch on the device after entering the Bluetooth interface.

The page will display the device name, such as: T86-1CCC0C, 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.

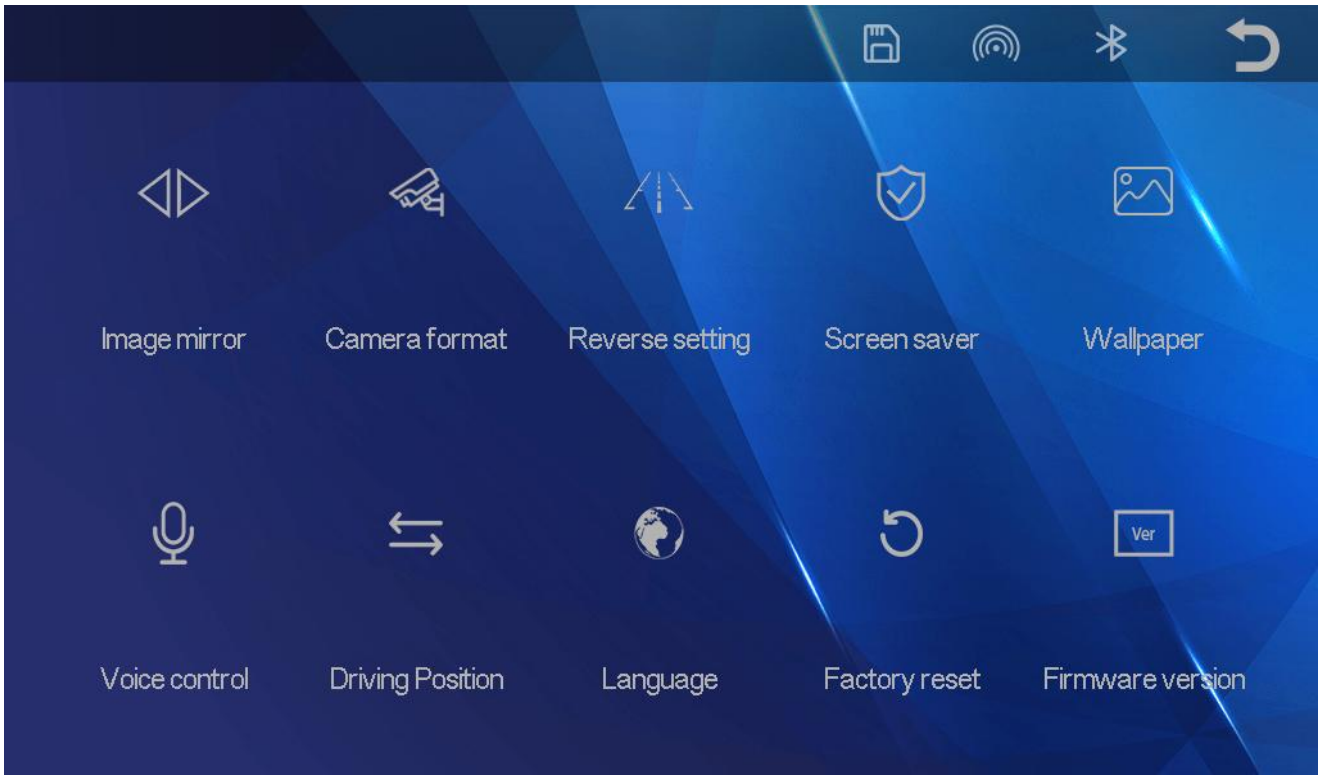
After connecting to Bluetooth, you can use the call function:



After turning on the "Auto Connect" button, even after the mobile phone is disconnected, the machine will automatically try to connect to the phone.

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

I. setting



	Click [Image mirror] to enter the settings: You can choose to Turn off or Turn on. This option makes it easier for customers to install the camera flexibly.
	Click to enter [Camera format] Settings: Resolution selection: 720P/1080P
	See the instructions below.

	Click [Screen saver] 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.
	Click [Wallpaper] to change the main interface wallpaper
	Click [Voice Control] to enter the settings: Voice control commands include: Show rear camera / Turn on display / Turn off display After opening the option, in the main interface, say the corresponding command entry, and the system will perform the corresponding operation.
	Click [Driving Position] to enter the settings: You can choose the left rudder or right rudder, the shortcut menu bar in Apple Carplay, choose the left rudder on the left, choose the right rudder on the right
	Click [Language] to enter settings: Language can be set: Simplified Chinese/Traditional Chinese / English / Russian / Spanish / French / German / Japanese / Korean

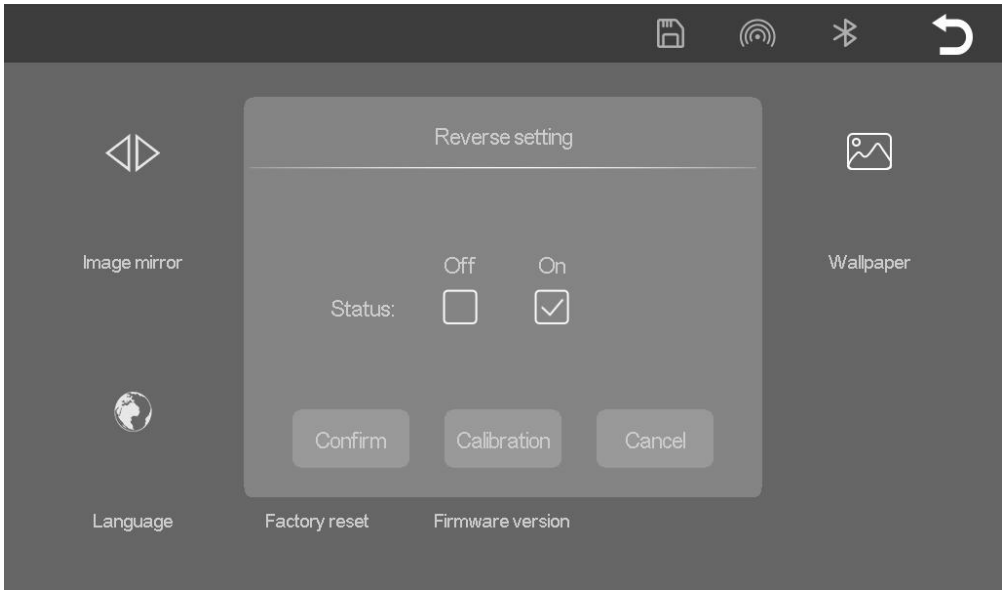
	Click [Factory reset] to enter the Settings: Restore the factory settings, and you restore all the settings to the initial state.
	Click on [Firmware version] to enter the menu: This option is available in the current basic version for easy confirmation.

Reverse Line Calibration

Click on [Reversing Control] to enter the settings:

The reversing line has two options: Off / On

Close: The reversing assist line is not switched on at any time.



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 [confirm] to save the calibration.

8. Troubleshooting

Item	Problem	Solution
1	Unable to start T86MP5 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 T86MP5 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. ②Only iPhone supports Carplay. ③Check that the WiFi and Bluetooth functions of the mobile phone are normal. ④Enter Settings - General -Carplay vehicle, delete all records and reconnect. ⑤Restart 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.

FCC Warnning:

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 againstharmful interference in a residential installation. This equipment generates, uses and can radiateradio frequency energy and, if not installed and used in accordance with the instructions, maycause harmful interference to radio communications. However, there is no guarantee thatinterference will not occur in a particular installation. If this equipment does cause harmfulinterference to radio or television reception, which can be determined by turning the equipmentoff and on, the user is encouraged to try to correct the interference by one or more of thefollowing 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.

Caution: Any changes or modifications to this device not explicitly approved by manufacturer could void your authority to operate this equipment.

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 and your body.