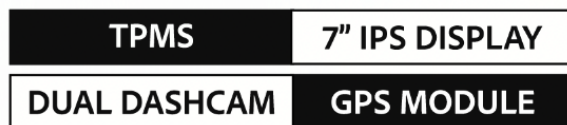




MT03 Smart Screen

USER MANUAL



WIRELESS
APPLE CARPLAY



WIRELESS
ANDROID AUTO



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Catalogue

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1. Product Overview

The MT03 Smart Screen uses two cameras installed at the front and rear of the vehicle to capture images of the surrounding area, which are then transmitted in real-time to an integrated device. With the help of this system, drivers can intuitively see obstacles and pedestrians around the vehicle, effectively reducing incidents such as scratches, collisions, and collapses. This product can record all driving scenes, preventing "insurance fraud" disputes.



- ① Short press to answer the phone, long press to hang up the phone
- ② Short press to take a photo, long press to record and lock the video
- ③ Short press to switch the main interface, long press to open/close the touch control

2. Product Packing List

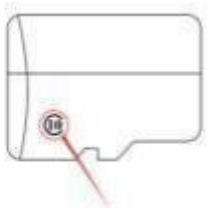
name	picture	explain	quantity
Main Unit		Full HD display / dual channel camera / touch / Bluetooth / Wi-Fi / SD card recording / USB port type interface power supply	1
Power Line		Type power cable /12V IN-5VOUT/2A current/integrated cable	1
A front and rear shot		AHD FHD (1080P)*2	2
Camera extension cord		The previous camera cable was 1.2 meters long The rear extension line is 2.5 meters long	2
GPS/line control button		GPS/line control button	1
SD CARD		64G	1
Tire pressure sensor		Two sensors	2
Bracket Support		Lock the frame	1

3. Product Specification

project	function Introduction	Indicators of achievement
system	language	Simplified Chinese/Traditional Chinese/English/Spanish/French/German/Korean
	Run interface	Graphical interface operations
	running mode	touch
video in	video in	Dual channel HD video input
	video mode	Enable startup logging
	Video format	1080P H.264 video, 2 video is saved separately
video display	real-time display	display screen
	Local playback	Local playback, watch anytime
	screen savers	Screen saver scan Settings: Off / 1 minute / 2 minutes / 3 minutes
reverse video	reverse video	Automatically switch to the rear view
Smart + connectivity	Wi-Fi	Supports Apple's in-car playback and Android's autonomous driving system
Video storage	SD card	Minimum 32GB and maximum 256GB
Audio section	microphone	Supports microphone recording, the menu can be set to off
	speech control	Supports voice control and can set the menu to be turned off
Power components	power input	Select a voltage transformer that supports an input of 12V to 30V and an output of 5V/2A
power consumption	two-way video	Less than 10W (screen display, dual-channel camera recording)
other	working temperature	-4 ~ 149 °F
	Video time	You can set the duration of video recording

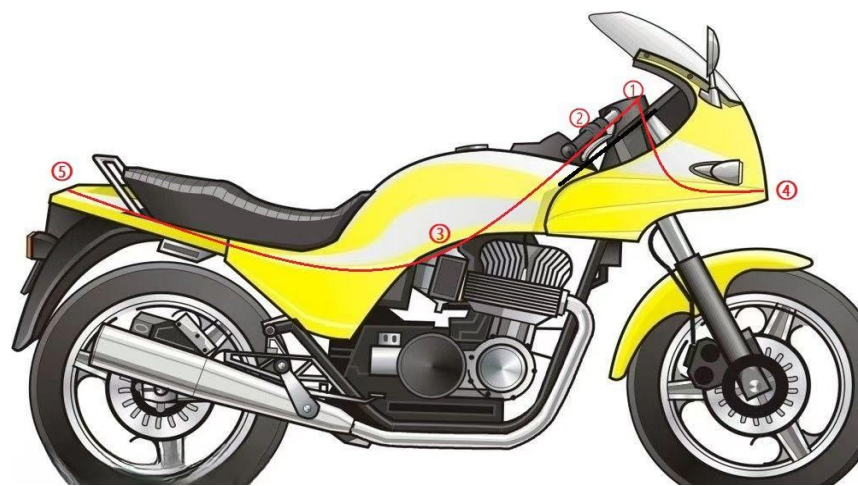
4. SD CARD Specification

The quality of the SD card has a great impact on the stability of video recording. To record videos safely, use major brand SD cards, such as SanDisk, Kingston, Toshiba and Samsung. The speed certification must be no less than 10 megabits per second.












5. Wiring Maps

① Recorder host ② GPS line controller ③ power reduction line ④ front lens ⑤ rear lens



6. USER INTERFACE

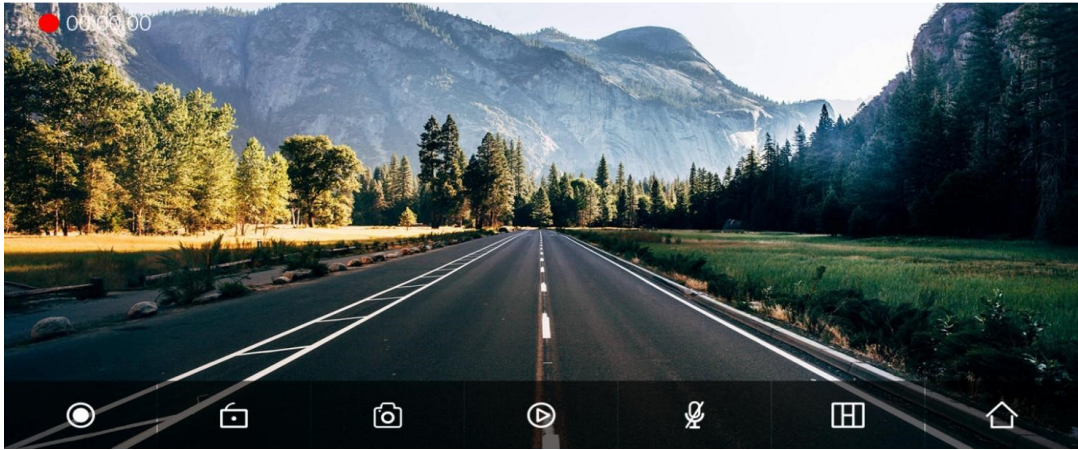


	① Driving video: Click to enter the video recording interface		② Volume button: Click to adjust the volume
	③ Mobile Internet: Click to enter mobile Internet options		④ Brightness button: Click to adjust the screen brightness
	⑤ Set button: Click to pop up the Settings interface		⑥ status bar: Recording Bluetooth WIFI volume SD card GPS status display
	⑦ speed display: Display GPS driving speed		⑧ Direction indication: Indicate the direction of travel
	⑨ Date and time: Display the current time and date		⑩ Fetal pressure display: Display current tire pressure (optional)

A. Vehicle Records



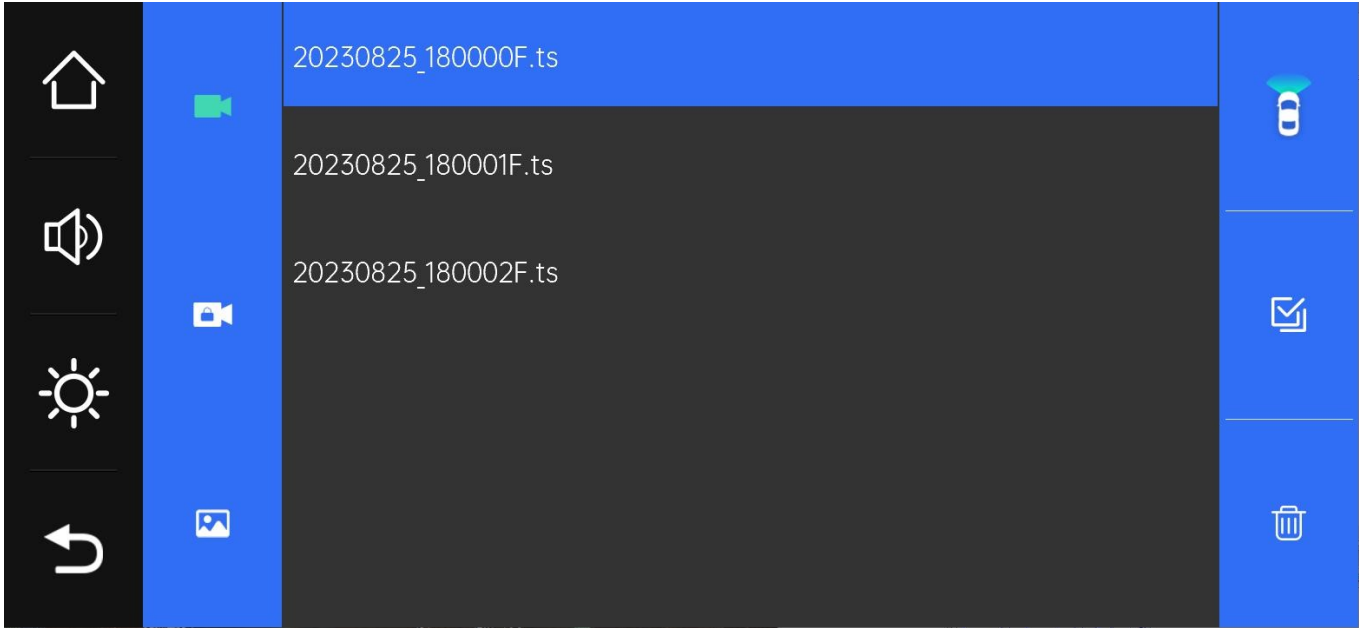
As shown in the figure, if the camera image is not displayed on the main page, you need to click the "Car Record" button to view the camera image. The small dot in the "Car Record" button will flash.








	Start recording and click again to close the recording.
	Lock the video for a few minutes and it won't be deleted.
	Click to take a picture.
	Check out the replay video.
	Close or turn off the recording.
	Click to switch the camera distribution screen.
	Click to switch to the main screen

B. Playback

As shown in the figure, click the [Playback] button to enter the video playback interface

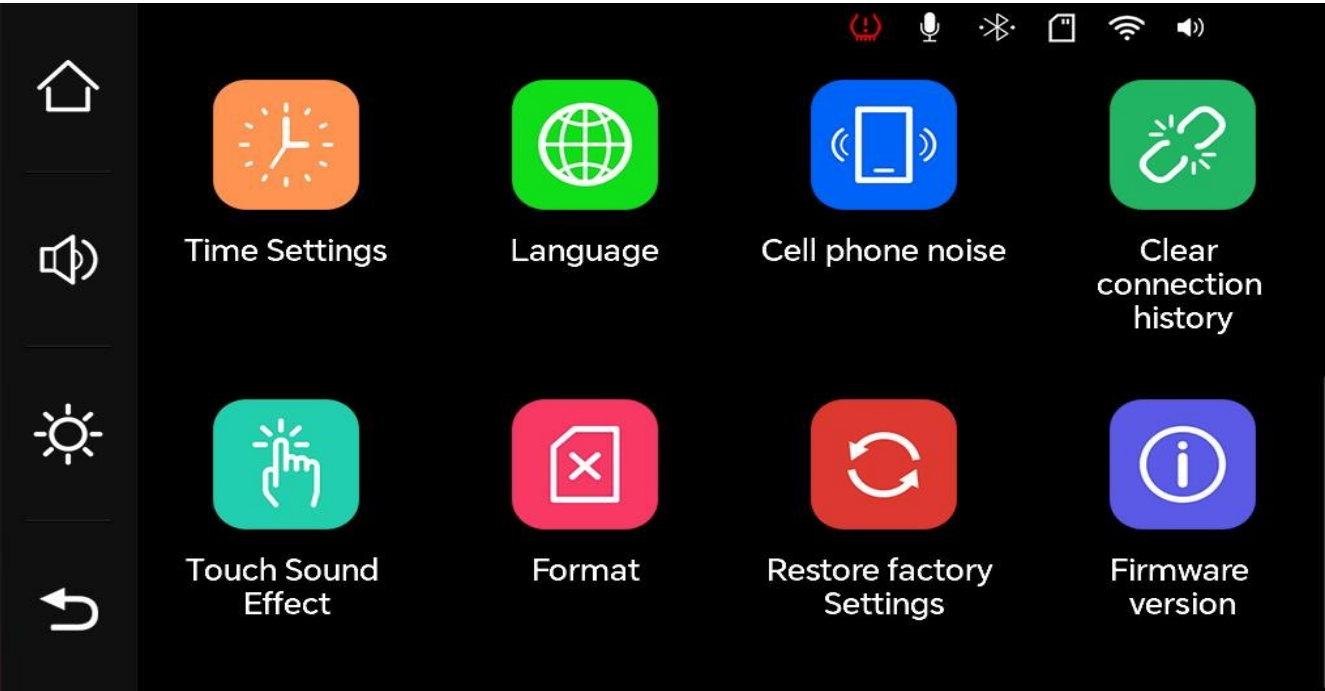
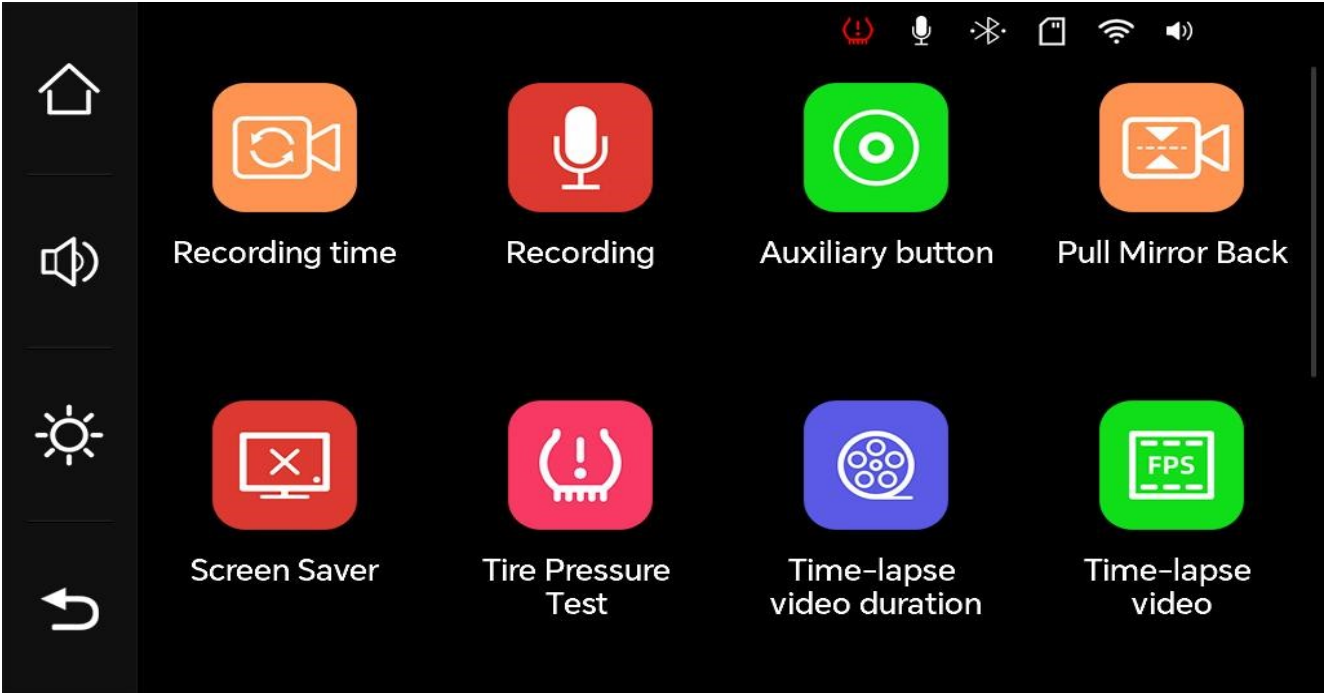







You can click on the top to play the video and play the video on the right






	A loop video shot by the front camera.
	Loop video shot with the rear camera.
	Click to save the video.
	Click to view the photo taken with the one-click camera function.
	Click the [Delete] button to delete.

C. SETTING UP

As shown in the figure, click [] to enter the Settings screen



icon	paraphrase
 <p>Looping the video</p>	<p>Click [Loop Video] to enter the video Settings cycling time: Video loop time is optional: 1 minute / 3 minutes / 5 minutes. The system defaults to one minute.</p>
 <p>sound recording</p>	<p>Click [Recording] to enter Settings: You can choose to turn recording on or off.</p>
 <p>Pull back the mirror</p>	<p>Click [Pull back the mirror] to enter Settings: You can choose to turn it off or on. This option makes it easier for customers to install cameras flexibly</p>
 <p>Split screen display</p>	<p>Click to select half screen mode or full screen mode.</p>
 <p>Screen protection</p>	<p>Click [Screen Protection] to enter Settings: The screensaver can be set to: off / 1 minute / 2 minutes / 3 minutes The system will run at the appropriate time and the screen will automatically turn off. After setting the screensaver, press the power button to light up the screen</p>

 <p>Language Settings</p>	<p>Click [Language] to enter Settings: Language can be set to: Simplified Chinese / Traditional Chinese / English / Russian / Spanish / French / German / Japanese / Korean.</p>
 <p>Time Settings</p>	<p>Click [Time Settings] to enter the Settings: set year/month/day/hour/min separately</p>
 <p>Format the memory card</p>	<p>Click[Format MemoryCard] to enter Settings: This optionformats all data inserted. It is recommended tomanually formatthe SD cardwhenit is firstinserted to ensure that the cardcapacityis available The quantityis sufficient. Note: Users are advisedto format the SDcardregularly</p>
 <p>factory data reset</p>	<p>Click[FactorySettings] toenter the Settings: Youcanrestore all Settings Returnto the initialstate.</p>
 <p>software release</p>	<p>Click[Software Version] to enter the menu: This optionis inthe current basic version This is available in the current version.This optionis providedfor confirmation.</p>

In the Settings, click the "Time-lapse recording" option, you can choose "Off", "12 hours", "24 hours" (default off). After selecting the monitoring time of 12 hours or 24 hours, when the car is turned off (ACC not connected), the system will automatically turn off.

D. Time Lapse

After selecting a 12-hour or 24-hour monitoring time, when the car is turned off (the ACC is disconnected), the system will turn off the screen after a 5-second countdown to reduce power consumption and start monitoring.

The system cannot do anything at this point unless the car is ignited (ACC powered). Touch the screen manually to light up the screen display

In the Settings, if the "time-lapse recording" function is selected as "off", then after the car is turned off (ACC has been disconnected), the system will enter the normal shutdown program and will not enter the parking monitoring function;

"Time-lapse video" is shot continuously at one frame per second, taking up very little space. But then it will be played at 30 frames per second, so the visual effect will be 30 times faster.

Note: This function must be connected to the normal power supply, can not be used normally!

8. Troubleshooting

project	question	Rx
1	Unable to start	<p>① Check whether the DC head of the cigarette lighter power cord is damaged or aging.</p> <p>② Check whether the fuse of the power plug is broken or burned out.</p>
2	No touch phenomenon	<p>① Touch is invalid when the machine is turned on. Please wait for normal startup before operation.</p> <p>② Check whether the touch screen is damaged. Do not touch it with sharp objects The screen, otherwise it is easy to scratch and damage.</p>
3	The rear camera has no image	<p>① The rearview camera provided by the manufacturer can be used only after purchase.</p> <p>② Whether the AVIN interface is inserted at the bottom.</p> <p>③ Check that the camera format matches</p>
4	Machine heating and jamming	<p>① Avoid direct sunlight or exposure during use. MIRROR</p> <p>The normal operating temperature of T86 is-20~65°C. After disconnecting the power supply, the temperature of T86 will be lower than 149o F and work normally.</p>
5	Carplay Cannot connect	<p>① The first connection takes a little longer.</p> <p>② Only iPhone supports Carplay.</p> <p>③ Check that the phone's WiFi and Bluetooth functions are working properly.</p> <p>④ Go to Settings-Conventional-Carplay Vehicle, delete all records and reconnect.</p> <p>⑤ Restart the iPhone and reconnect.</p>
6	Cannot connect to Android Auto	<p>① Only supports Android phones.</p> <p>② Update Auto and related apps on your phone to the latest version new release.</p> <p>③ Do not enable VPN on your phone.</p> <p>④ Check that the phone's WiFi and Bluetooth functions are working properly.</p> <p>⑤ Restart the Android phone and reconnect.</p>
7	Bluetooth music	<p>① Please set the screen projection mode to Bluetooth music. Other modes are not Supports Bluetooth music.</p>

Note: Please ensure that there is no obstacle between the phone and the device, and the WiFi/Bluetooth signal communication is smooth, otherwise the product function. It cannot be used smoothly. Bluetooth /Wi-Fi signal communication is smooth, otherwise the product function will not be used smoothly.

9. Product Parameter

Description	Parameter
Model	MT03 DVR
Master control	high-performance SOC
Wireless systems	Wireless Apple recorder, wireless Android recorder
Screen	High-definition display
Storage extension	SDCARD < 32-256GB
Wireless module	WIFI, PDA
Camera	Front and rear cameras
Built-in speaker	2 W speaker
Working voltage	7-32V
Operating power	Less than 10W
Size	260*130*66mm (depending on the product)
Weight	350g (depending on product)
Material	ABS/PC



MT03 SMART SCREEN - 2025